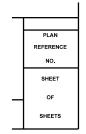
## **INDEX**

SHEET NO.	PLAN REFERENCE NO.	TITLE
1	IN1	INDEX
2	CT1	CERTIFICATION SHEET
3	VM1	VICINITY MAP
4 - 6	SQ1 - SQ3	SUMMARY OF QUANTITIES
7 - 10	RS1 - RS4	ROADWAY SECTIONS
11 - 13	AL1 - AL3	ALIGNMENT AND RIGHT OF WAY PLAN
14 - 17	EC1 - EC4	SITE PREPARATION / TESC PLANS
18 - 19	QTPM1 - QTPM2	QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS
20 - 22	PV1 - PV3	PAVING PLANS
23	PV4	PAVING DETAILS
24 - 25	QTCR1 - QTCR2	QUANTITY TABULATION - CURB RAMPS
26 - 35	CR1 - CR10	CURB RAMP PLANS
36	ELN1	ELECTRICAL PLAN
37 - 40	EL1 - EL4	ELECTRICAL PLAN
41	ELD1	ELECTRICAL DETAIL
42 - 49	TEL1 - TEL8	ELECTRICAL PLAN
50	SS1	SIGN SPECIFICATIONS
51	SS2	SIGN INSTALLATION SPECIFICATIONS
52	SS3	SIGN RELOCATION SPECIFICATIONS
53	SS4	SIGN REMOVAL SPECIFICATIONS
54	SP1	SIGNING PLANS
55 - 110	TC1 - TC56	TRAFFIC CONTROL PLANS
111 - 116	CTC1 - CTC6	CURB RAMP TRAFFIC CONTROL PLANS
117 - 120	PTC1 - PTC4	PEDESTRIAN TRAFFIC CONTROL PLANS
121 - 130	DU1 - DU10	DETOUR PLANS



NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_01IN.dgn					
TIME	4:02:14 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/22/2022				10	WASH	STPF-0099(147)
PLOTTED BY	musma				10	WASH	, , ,
DESIGNED BY	M. MUS					UMBER	
ENTERED BY	M. MUS				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



P.E. STAMP BOX

	Plot 1
SR 99	PLAN REF. NO.
DUWAMISH RIVER TO S SPOKANE ST VIC	IN1
DUVVAIVIION RIVER TO 3 SPORAINE ST VIC	
PAVING & ADA COMPLIANCE	SHEET
	1 1 of
INDEV	1 130
INDEX	SHEETS

#### PROJECT LICENSED PROFESSIONAL CERTIFICATES

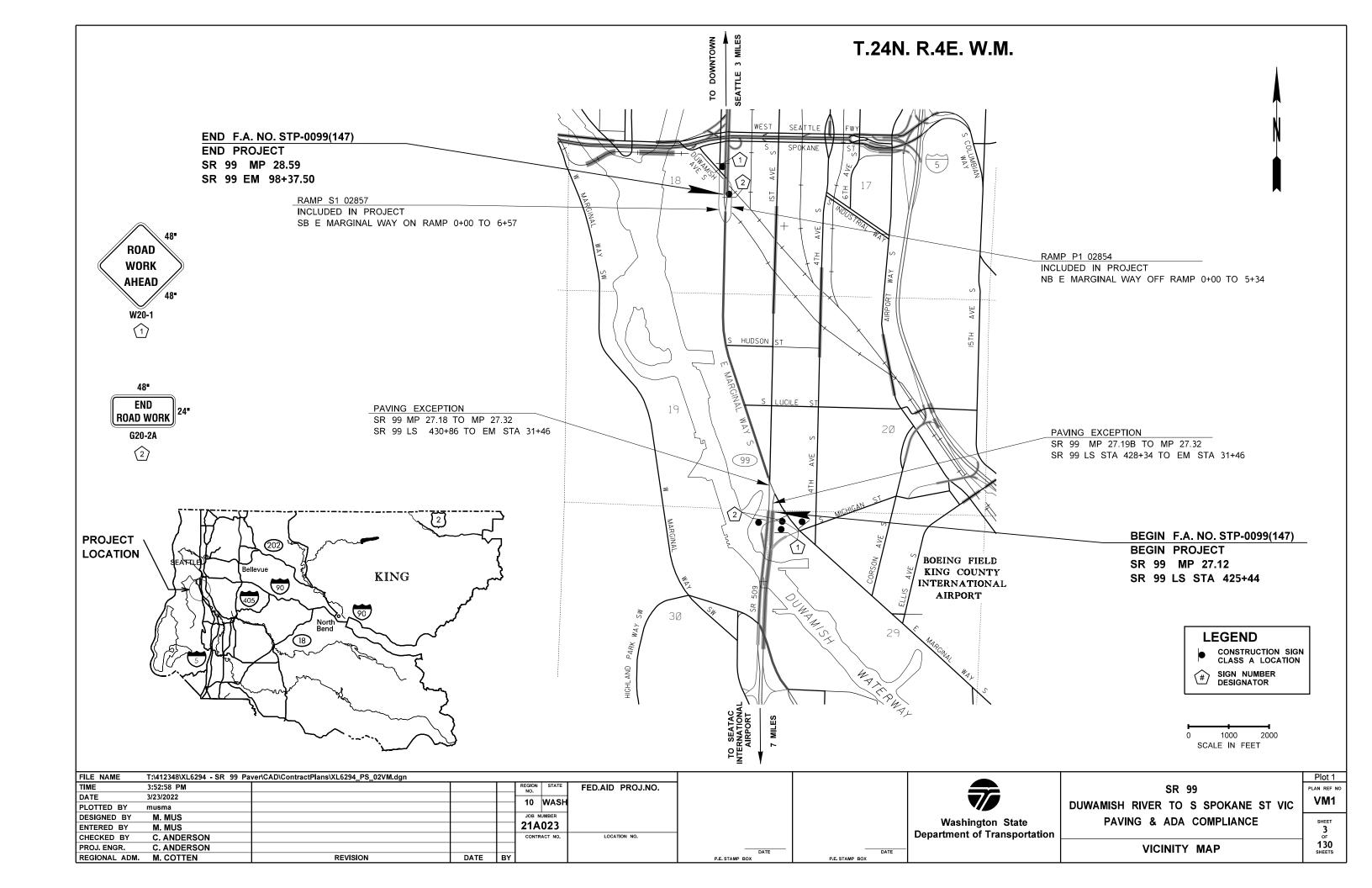
Cullen Anderson	- Duf ADo	Jocelyn Mamchur (Mar 31, 2022 13:51 PDT)	
Cullen Anderson	Duke Do	Jocelyn Mamchur	
Mar 31, 2022	Mar 31, 2022	Mar 31, 2022	
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

#### NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294_PS_01IN.dgn									Plot 2	
TIME	3:58:58 PM		REG	GION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO	1
DATE	3/23/2022			10 WASH						CT1	
PLOTTED BY	musma			IU WASH					DUWAMISH RIVER TO S SPOKANE ST VIC		
DESIGNED BY	M. MUS			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET	1
ENTERED BY	M. MUS		2	1A023				3		2	
CHECKED BY	C. ANDERSON		0	CONTRACT NO.	LOCATION NO.			Department of Transportation		OF	
PROJ. ENGR.	C. ANDERSON					——————————————————————————————————————	DATE	=	CERTIFICATION SHEET	130 SHEETS	
REGIONAL ADM.	M. COTTEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		CERTIFICATION STILL	3112213	ı



#### SUMMARY OF QUANTITIES

GROUP 1

OFF RAMP

STA 0+00

TO 5+34

L.S.

1,330.00

510.00

52.40

135.00

510.00

340.00

270.00

-1.00

3.00

36.00

40.00

100.00

41.00

167.00

94.00

288.00

GROUP 3

SR 99 ADA

STA EM

31+46 TO

98+37

L.S.

104.00

41.00

143.00

70.00

1.00

GROUP 2

RAILROAD

REMOVAL STA EM

EM 57+43

L.S.

L.S.

96.00

62.00

290.00

128.00

30.00

120.00

80.00

60.00

-1.00

GROUP 4

THIRD

DAMAGE

GROUP 1

SR 99

STALS

430+86

L.S.

GROUP 2

SR 99

PAVING STA EM 31+46

TO 98+37

L.S.

20.00

I 1.029.00 I 254.00

332.00

2.70

7 000 00

416.00 5,297.00

1,560.00 | 19,860.00 |

1,040.00 | 13,250.00

840.00 | 10,640.00 |

-1.00

10.00

4,070.00 | 51,680.00 | 1,800.00 |

80.00

-1.00

44.00

10,000.00

1.240.00

3,280.00 | 36,470.00 | 500.00 | 590.00

252.00

2,470.00 1,020.00

712.60 216.70

GROUP 1

ON RAMP

STA 0+00 TO

6+57

L.S.

80.00

85.00

320.00

220.00

170.00

4.00

-1.00

			DOT_RC	GG900
				3/31/2022
l		l		
<u> </u>		<u> </u>		
<u> </u>		<u> </u>		<u> </u>
<u> </u>		<u> </u>		<u> </u>
<u> </u>		<u> </u>		
<u> </u>		<u> </u>		
<u> </u>		<u> </u>		
<u> </u>	1	<u> </u>	1	
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>                                     </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	
<u> </u> 	<u> </u> 	<u> </u> 	<u> </u> 	
<u> </u> 	<u> </u> 	<u> </u> 	<u> </u> 	
! !	<u> </u> 	! !	<u> </u> 	<u>                                       </u>
! !	<u> </u> 	! !	<u> </u> 	<u>                                       </u>
<u> </u>		<u> </u>		<u>                                       </u>
İ		İ		<del></del>
İ		İ		<u> </u>
İ		İ		
İ		İ		i
l		l		i i
1	ı —	1	ı —	1 7

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	099	172901	**	FEDERAL
	2	099	179101	*	FEDERAL
	3	099	179101	*	FEDERAL
	4	099	172901	**	STATE

SUB-TOTAL

SECTION

1-07.2(2)

STANDARD

80.00

269.10

636.00

-3.00

1 | LUMP SUM | LUMP SUM | LUMP SUM | 0001 | L.S. | MOBILIZATION

STD

ITEM

UNIT

ITEM

PREPARATION

I 0050 I L.S. IREMOVAL OF STRUCTURES AND OBSTRUCTIONS

0108 L.F. REMOVING CEMENT CONC. CURB AND GUTTER

C.Y. HAZARDOUS MATERIAL EXCAVATION INCL HAUL & DISPOSAL

0100 | S.Y. | REMOVING CEMENT CONC. SIDEWALK

0120 S.Y. REMOVING ASPHALT CONC. PAVEMENT

0332 S.Y. PAVEMENT REPAIR EXCAVATION INCL. HAUL

SURFACING

LIQUID ASPHALT

HOT MIX ASPHALT

5739 TON HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22

| 5830 | DOL | JOB MIX COMPLIANCE PRICE ADJUSTMENT

S.Y. | PLANING PAVEMENT FOR PARTIAL DEPTH PAVEMENT REPAIR

**EROSION CONTROL AND ROADSIDE PLANTING** 

I 5100 I TON I CRUSHED SURFACING BASE COURSE

5711 S.Y. PLANING BITUMINOUS PAVEMENT

| 5835 | DOL | COMPACTION PRICE ADJUSTMENT

5837 | DOL | ASPHALT COST PRICE ADJUSTMENT

6516 DOL CYCLIC DENSITY PRICE ADJUSTMENT

6490 | DOL | EROSION/WATER POLLUTION CONTROL

| | TRAFFIC | 6700 | L.F. | CEMENT CONC. TRAFFIC CURB AND GUTTER

6841 | L.F. | PRECAST DUAL FACED SLOPED MOUNTABLE CURB

6431 | S.Y. | SEEDING, FERTILIZING AND MULCHING

0110 | L.F. | REMOVING CEMENT CONC. CURB

0035 L.S. CLEARING AND GRUBBING

0160 | L.F. | REMOVING TRAFFIC CURB

0421 | C.Y. | GRAVEL BORROW INCL. HAUL

5340 TON ASPHALT FOR FOG SEAL

5707 DOL CRACK SEALING - FA

5767 TON HMA CL. 1/2 IN. PG 58H-22

6514 | L.F. | LONGITUDINAL JOINT SEAL

6403 DAY ESC LEAD

6471 | EACH | INLET PROTECTION

6630 L.F. HIGH VISIBILITY FENCE

6701 | L.F. | CEMENT CONC. TRAFFIC CURB

7448 | HR | TRANSPORTABLE ATTENUATOR

6707 | L.F. | CEMENT CONC. PEDESTRIAN CURB

6483 | S.Y. | FINE COMPOST

SECTION

I-07.2(1)

STANDARD

104.00

163.00

70.00

96.00

1029.00

1.00

394.00

2.70

840.60

5327.00

19980.00

13330.00

80.00

-2.00

4.00

44.00

36.00

40.00

100.00

41.00

167.00

94.00

1240.00

540.00

35 | 40840.00 | 36470.00 | 4370.00 | 6807 | L.F. | PLASTIC LINE

10700.00

ITEM

NO

7

8

11

13

22

25

29

30

32

33

TOTAL

QUANTITY

4 | 104.00 |

6 163.00

10 1283.00

12 474.00

1.00

2.70

14 7000.00 7000.00

15 59170.00 51970.00

16 4000.00 2470.00

17 1109.70

19 22370.00

20 14930.00

21 11980.00

23 -5.00

26 | 10000.00

27 36.00

28 40.00

31 167.00

80.00

61.00

100.00

41.00

94.00

1240.00

600.00

18 5963.00

70.00

1240.00

5 41.00

2 LUMP SUM LUMP SUM

3 LUMP SUM LUMP SUM

		REGIO	STATE	FEDERAL AID PROJECT. NO.			OD 00	SQ1
			WA	0099(147)			SR 99	SQI
		10	WA			Washington State	DUWAMISH RIVER TO S SPOKANE ST VIC	SHEET
			NUMBER		D <sub>0</sub>	epartment of Transportation	PAVING & ADA COMPLIANCE	4
		21/	A023/4			partificing of Transportation		OF
		CONT	RACT NO				SUMMARY OF QUANTITIES	130
DATE	REVISION BY	√ oc	0000					SHEETS

3/31/2022

## SUMMARY OF QUANTITIES

		SUB-TOTAL	SUB-TOTAL				ODOUD 4	ODOUD 0	ODOUD 4	ODOUD 4	ODOLID 0	ODOUD 0	ODOUD 4						'
		*	**	l			GROUP 1	GROUP 2	GROUP 1	GROUP 1	GROUP 3	GROUP 2	GROUP 4						<b>└──</b> ─ '
ITEM NO	TOTAL	SECTION I-07.2(1)	SECTION I-07.2(2)	STD. ITEM	UNIT	ITEM	SR 99	SR 99	ON RAMP	OFF RAMP	SR 99 ADA	RAILROAD	THIRD						. ! !
	QUANTITY	OF	OF	NO.	0		PAVING STA LS	PAVING STA EM 31+46	STA 0+00 TO 6+57	STA 0+00 TO 5+34	STA EM 31+46 TO	REMOVAL STA EM	PARTY DAMAGE						. ! !
		STANDARD SPECS	STANDARD SPECS				425+44 TO	TO 98+37			98+37	55+08 TO							. ! !
			3FE03				430+86					EM 57+43		<u> </u>		ļ			·!
36	100.00	100.00				PROFILED PLASTIC WIDE LINE	<u> </u>	100.00	1					<u>                                     </u>		<u> </u>			<u></u>
37	2260.00	2260.00	25.00	-		PLASTIC CROSSWALK LINE	<u> </u>	2,260.00	1	05.00				<u>                                     </u>	<u> </u>	<u> </u>			<u></u>
38	513.00	488.00		-		PLASTIC STOP LINE	ļ	488.00	1	25.00	<u> </u>			<u>                                     </u>	<u> </u>	<u> </u>			<u></u>
39	32.00	29.00	3.00	-		PLASTIC TRAFFIC ARROW	ļ	29.00	1	3.00	<u> </u>			<u>                                     </u>	<u> </u>	<u> </u>			<u></u>
40	104.00	92.00	12.00			PLASTIC TRAFFIC LETTER	<u> </u>	92.00	1	12.00				<u> </u>	<u> </u>	<u> </u>			<u></u>
41	7.00	7.00	2.22	-		PLASTIC RAILROAD CROSSING SYMBOL		7.00	1		<u> </u>			<u>                                     </u>	<u> </u>	<u> </u>			<u></u>
42	7.80	7.60	0.20			RAISED PAVEMENT MARKER TYPE 2	0.20	7.60			1.0					<u> </u>			<del></del>
43	LUMP SUM	LUMP SUM	5000.00			PERMANENT SIGNING	1.010.00	L.S.	1	050.00	L.S.				<u> </u>				<u></u>
44	68520.00	62660.00	5860.00			TEMPORARY PAVEMENT MARKING-SHORT DURATION	4,910.00	62,660.00	1	950.00	<u> </u>	<u> </u>				<u> </u>			<u></u>
45	168.00	153.00				TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	ļ	153.00	1	15.00	<u> </u>	<u> </u>		<u>                                     </u>		<u> </u>			<del></del>
46	550.00	520.00	30.00			TEMPORARY STOP LINE - SHORT DURATION	ļ	520.00	1	30.00	<u> </u>	<u> </u>							<del></del>
47	2260.00	2260.00	40.00			TEMPORARY CROSSWALK LINE - SHORT DURATION	40.00	2,260.00	1		400.00	20.00							<del></del>
48	630.00	620.00	10.00	6956		SEQUENTIAL ARROW SIGN	10.00	170.00	1 00 00	20.00	420.00	30.00		<u>                                     </u>	<u> </u>	<u> </u>			<del></del>
49	880.00	740.00	140.00	6993		PORTABLE CHANGEABLE MESSAGE SIGN	100.00	690.00	20.00	20.00		50.00				<u> </u>			<del></del>
50	LUMP SUM	LUMP SUM		1 0070	L.S.	ELECTRICAL SYSTEM MODIFICATIONS		<u> </u>			L.S.			<u>                                     </u>	<u> </u>	<u> </u>			<u></u>
51	LUMP SUM	LUMP SUM	LUMP SUM	6973		OTHER TEMPORARY TRAFFIC CONTROL	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.				<u> </u>			<del></del>
52	196.00	196.00		6980		FLAGGERS	ļ	126.00	1		70.00			<u>                                     </u>	<u> </u>	<u> </u>			<del></del>
53	378.00	378.00	50.00	1 0000	HR	CONTRACTOR PROVIDED UNIFORMED LAW ENFORCEMENT		234.00	17.00	47.00	144.00	04.00		<u>                                     </u>	<u> </u>	<u> </u>			<del></del>
54	608.00	550.00	58.00	6992		OTHER TRAFFIC CONTROL LABOR	24.00	292.00	17.00	17.00	234.00	24.00		<u>                                     </u>	<u> </u>				
55	LUMP SUM	LUMP SUM				TRAFFIC CONTROL SUPERVISOR	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		<u>                                     </u>	<u> </u>				<u></u>
56	99.00	67.00	32.00	6982		CONSTRUCTION SIGNS CLASS A	32.00	67.00	1		<u> </u>				<u> </u>	<u> </u>			<u></u>
57	LUMP SUM	LUMP SUM	44.00	1 0070	L.S.	RADAR SPEED DISPLAY SIGN		L.S.	1 100	4.00	50.00			<u>                                     </u>		<u> </u>			<u></u>
58	152.00	138.00	14.00	6976		PATROL AND MAINTAIN TRAFFIC CONTROL MEASURES	6.00	73.00	4.00	4.00	59.00	6.00				<u> </u>			<del></del>
59	LUMP SUM	LUMP SUM		6869		PEDESTRIAN TRAFFIC CONTROL	ļ		1		L.S.								<del></del>
60	30.00	30.00	470.00		•	PAINTING CURB	<u> </u>	1 570 00	1	470.00	30.00								<del></del>
61	1740.00	1570.00	170.00	6818		PLASTIC WIDE LINE	<u> </u>	1,570.00	1	170.00						<u> </u>			<del></del>
62	15.00	15.00			EACE	GROUNDING EXISTING JUNCTION BOX	ļ	15.00	1		<u> </u>					<u> </u>			
<u> </u>	<u> </u>					OTHER ITEMS	ļ	<u> </u> 	1							<u> </u>			<del></del>
	5000.00	2500.00	4500.00	1 0004	l DOI	OTHER ITEMS		1 500.00		500.00	4.500.00	500.00		<u>                                     </u>		<u> </u>			<del></del>
63	5000.00	3500.00	1500.00			PROJECT PARTNERING	500.00	1,500.00	500.00	500.00	1,500.00	500.00				<u> </u>			<del></del>
64	LUMP SUM	LUMP SUM				TYPE B PROGRESS SCHEDULE	<u> </u>	L.S.								<u> </u>			<del></del>
65	LUMP SUM	LUMP SUM		7038	-	ROADWAY SURVEYING		L.S.			10				<u> </u>	<u> </u>	<u>                                       </u>		<del></del>
66	LUMP SUM	LUMP SUM	LUMP CUM	7042				<u> </u>	1		L.S.			<u> </u>	<u> </u>	<u> </u> 	<u>                                       </u>		<del>                                     </del>
67	LUMP SUM	LUMP SUM	LUMP SUM	7055	L.S.	REFERENCING EXISTING PAVEMENT MARKINGS  CEMENT CONC. SIDEWALK	L.S.	L.S.	1	]	70.00	<u> </u>		<u> </u>	<u> </u>	l	<u>                                       </u>		<del>                                     </del>
68	78.00	78.00					<u> </u>	<u> </u>	1	]	78.00	<u> </u>		<u> </u>	<u> </u>	l	<u>                                       </u>		<del>                                     </del>
69 70	7.00	6.00 7.00				ASPHALT CONC. SIDEWALK	<u> </u>	<u> </u>	1	]	7.00	<u> </u>		<u> </u>	<u> </u>	l	<u>                                       </u>		<del></del>
-		1.00				CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	<u> </u>	<u> </u>	1	]	1.00	<u> </u>		<u> </u>	<u> </u>	l	<u>                                       </u>		<del>                                     </del>
71	1.00	93.00				CEMENT CONC. CURB RAMP TYPE PARALLEL B   DETECTABLE WARNING SURFACE		<u> </u>	<u> </u>		93.00			<u> </u>	<u> </u>	I I	<u>                                      </u>		<del>                                     </del>
72	93.00 LUMP SUM	LUMP SUM	LUMP SUM			CLEANING EXISTING DRAINAGE STRUCTURE	L.S.	L.S.	1		93.00 I	<u> </u>		<u>.                                      </u>	<u> </u>	l	<u>                                       </u>		<del>                                     </del>
73						ADJUST VALVE BOX	L.S.	<sub>I L.</sub> S.	<u> </u>		1.00			<u>.                                    </u>	<u> </u>	l	<u>                                      </u>		<del>                                     </del>
74	1.00	1.00				FORCE ACCOUNT PAVEMENT REPAIR EXCAVATION PCCP INCL. HAUL	L	1 31 200 00	7,200.00		1.00			<u>.                                    </u>	<u> </u>	l	<u>                                      </u>		<del>                                     </del>
75	38400.00 5000.00	31200.00 5000.00				FORCE ACCOUNT SITE CLEANUP OF BIO. AND PHSYICAL HAZARDS	L	31,200.00	<i>I</i> ,∠∪∪.∪∪		5,000.00			<u>.                                    </u>	<u> </u>	l	<u>                                      </u>		<del>                                     </del>
76						FORCE ACCOUNT SITE CLEANUP OF BIO. AND PHSYICAL HAZARDS FORCE ACCOUNT POTHOLING UTILITIES	1,000.00	2,000.00	1		5,000.00			<u>.                                    </u>	 	l	<u>                                      </u>		<del>                                     </del>
77	3000.00	2000.00 5000.00				FORCE ACCOUNT MISC MINOR ELECTRICAL REPAIR	1,000.00	5,000.00	1					<u>.                                    </u>	 	l	<u>                                      </u>		<del></del>
78 79	5000.00 3000.00	2250.00				ROADSIDE CLEANUP	250.00	2,250.00	250.00	250.00	<u> </u>			<u> </u>	] 	l	<u>                                      </u>		<del></del>
80	5.00	2230.00				REIMBURSEMENT FOR THIRD PARTY DAMAGE	230.00	L 2,200.00	200.00	230.00	<u> </u>	<u> </u>	5.00	<u>                                     </u>	<u> </u> 	l	<u>                                     </u>		<del>                                     </del>
81	-1.00	-1.00				MINOR CHANGE		l -1.00	<u> </u>	l J	<u> </u> 	<u> </u>	J.UU	<u>                                     </u>	<u> </u> 	<u>                                       </u>	<u>                                     </u>		<del></del>
82	-2.00	-1.00				AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00	-1.00	1	<u> </u>	<u> </u> 	<u> </u>		<u>                                     </u>	<u> </u> 	<u>                                       </u>	<u>                                     </u>		<u>_</u>
02	-2.00	-1.00	-1.00	1132	DOL	AGGIT FOR MENTER ADJUSTIMENT	-1.00	1 -1.00	ı			l		1	<u> </u>	<u> </u>	I		/

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPAN
LEGEND	1	099	172901	**	FEDERAL
	2	099	179101	*	FEDERAL
	3	099	179101	*	FEDERAL
	4	099	172901	**	STATE

	<u> </u>	REGION STATE	FEDERAL AID PROJECT. NO.		00.00	SQ2
		10 WA	0099(147)		SR 99	JUZ
		I IU WA		Washington State	DUWAMISH RIVER TO S SPOKANE ST VIC	SHEET
		JOB NUMBER		Department of Transportation	PAVING & ADA COMPLIANCE	5
		21A023/4		Department of Transportation		OF
		CONTRACT NO			SUMMARY OF QUANTITIES	130
DATE	REVISION BY	000000				SHEETS

DOT\_RGG900

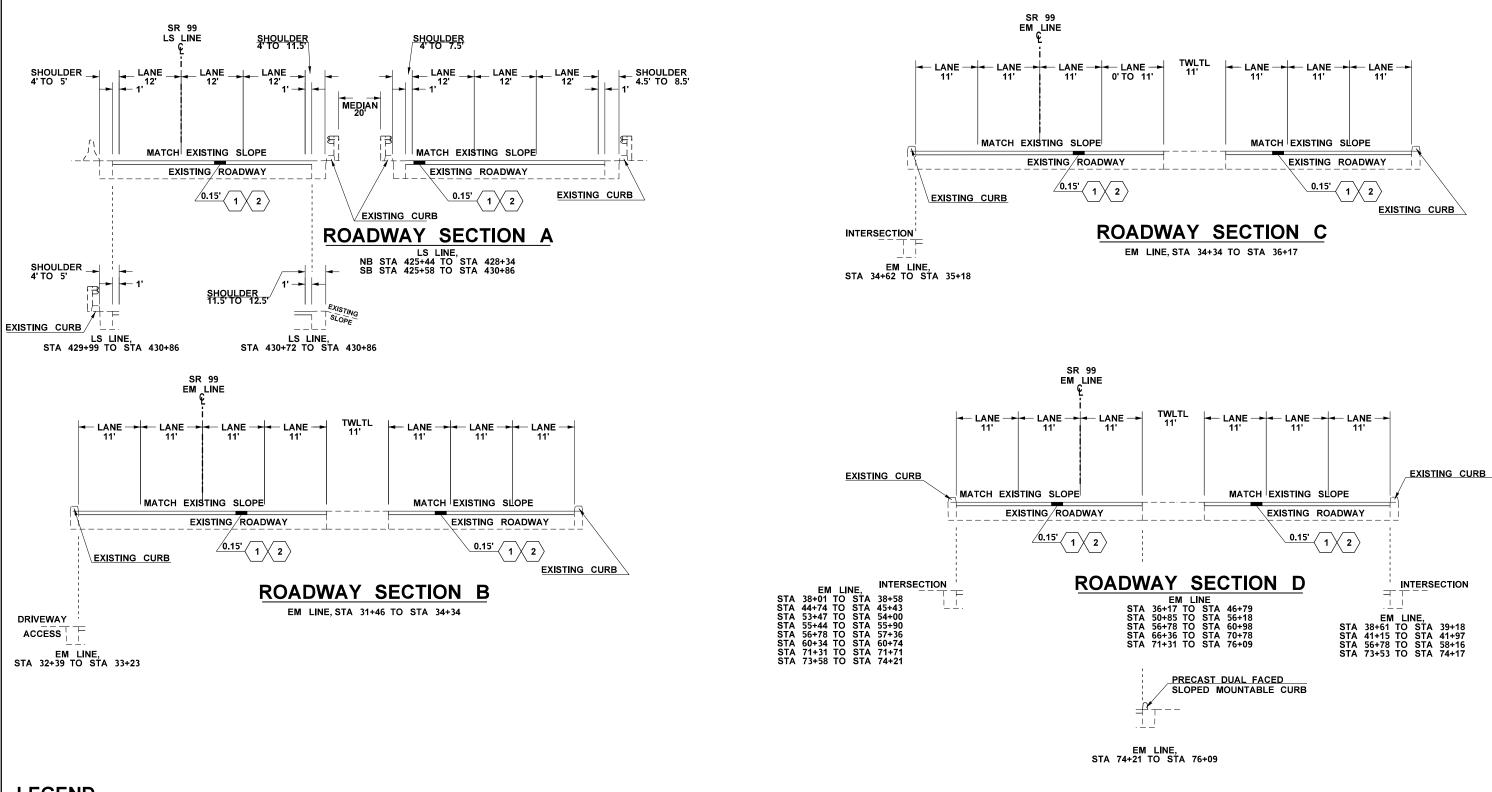
## SUMMARY OF QUANTITIES

3/31/2022

		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 2	GROUP 1	GROUP 1	GROUP 3	GROUP 2	GROUP 4					Ī	
ITEM NO	TOTAL QUANTITY	SECTION I-07.2(1) OF STANDARD SPECS	SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	SR 99 PAVING STA LS 425+44 TO 430+86	SR 99 PAVING STA EM 31+46 TO 98+37	ON RAMP STA 0+00 TO 6+57	OFF RAMP STA 0+00 TO 5+34	SR 99 ADA STA EM 31+46 TO 98+37	RAILROAD REMOVAL STA EM 55+08 TO EM 57+43	THIRD PARTY DAMAGE						
83	LUMP SUM	LUMP SUM	LUMP SUM	7736	L.S.	SPCC PLAN	L.S.	L.S.	L.S.	L.S.	L.S.					İ			
84	6.00	4.00	2.00	7569	EACH	NO TRESPASSING SIGN	П	4.00	1.00	1.00					1		1		
85	LUMP SUM	LUMP SUM		7570	L.S.	HEALTH AND SAFETY PLAN	][	L.S.			L.S.						l		
	1		1	1				1							1	I	1		

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	099	172901	**	FEDERAL
	2	099	179101	*	FEDERAL
	3	099	179101	*	FEDERAL
	4	099	172901	**	STATE

		REGI	ON STATE	FEDERAL AID PROJECT. NO.		00.00	SQ3
			WA	0099(147)		SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC	
			"		Washington State		
			B NUMBER		Department of Transportation	PAVING & ADA COMPLIANCE	6
		2	1A023/4		Department of Transportation		
		СО	NTRACT NO			SUMMARY OF QUANTITIES	130
DATE	REVISION	BY	000000				SHEETS



#### **LEGEND**

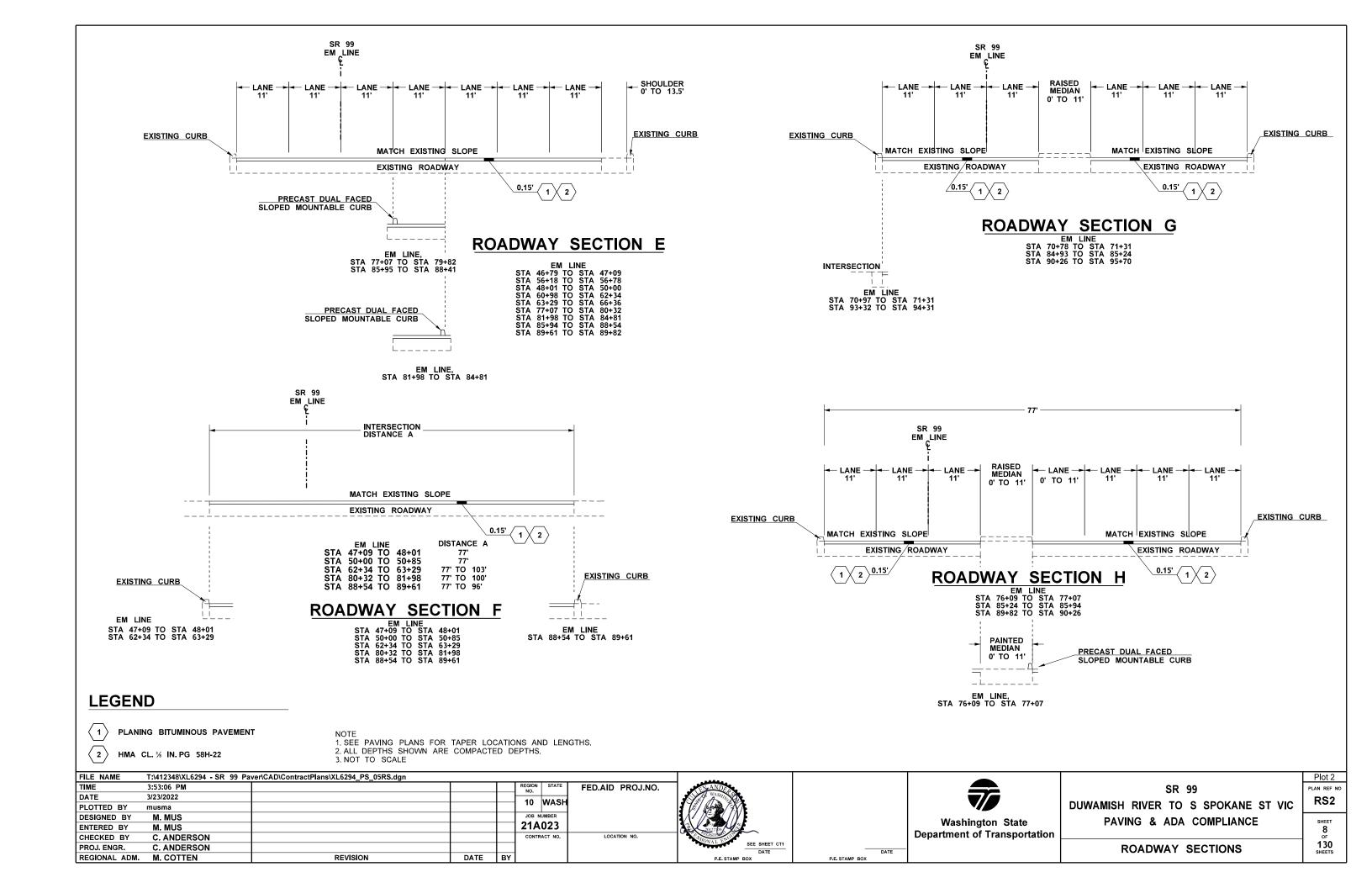
PLANING BITUMINOUS PAVEMENT

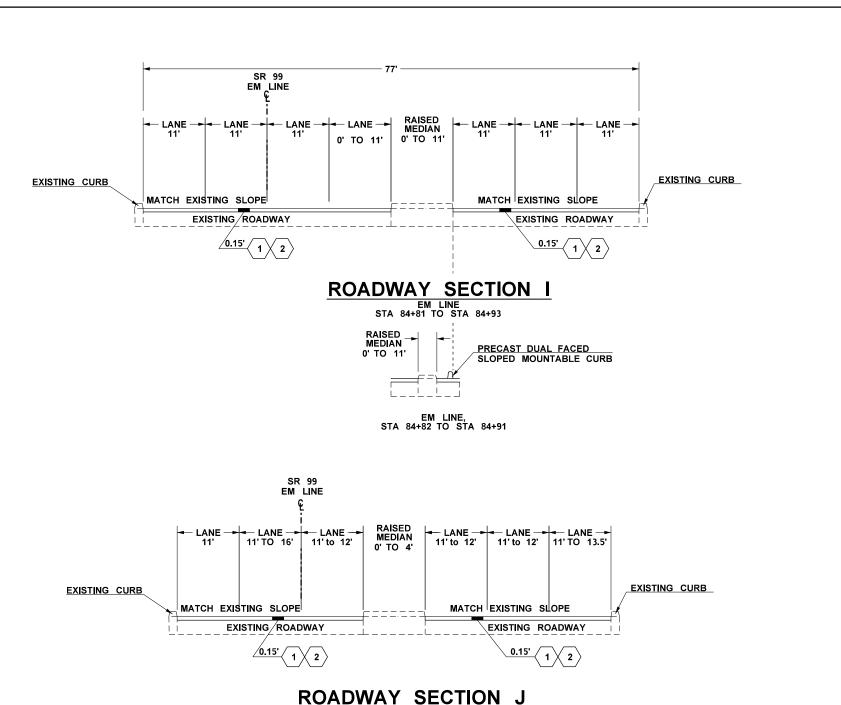
HMA CL. 3/4 IN. PG 58H-22

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.

2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS. 3. NOT TO SCALE

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_05RS.dgn									Plot 1
TIME	3:53:05 PM				REGION STATE	FED.AID PROJ.NO.	CA ANDE			SR 99	PLAN REF NO
DATE	3/23/2022				10 WASH		ASHIN EL				RS1
PLOTTED BY	musma				I IU WASH		1177 Men 120			DUWAMISH RIVER TO S SPOKANE ST VIC	1.01
DESIGNED BY	M. MUS				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	M. MUS				21A023		2270		3		7
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.	SSIONAL ENGINEERS		Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON						SEE SHEET CT1  DATE	——————————————————————————————————————		ROADWAY SECTIONS	130 SHEETS
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			J





#### ROADWAY SECTION J

#### **LEGEND**

FILE NAME TIME

PLOTTED BY

ENTERED BY

CHECKED BY

PROJ. ENGR.

DESIGNED BY

DATE

PLANING BITUMINOUS PAVEMENT

3:53:06 PM

M. MUS

M. MUS

C. ANDERSON

C. ANDERSON

3/23/2022

musma

REGIONAL ADM. M. COTTEN

HMA CL. 1/8 IN. PG 58H-22

REVISION

T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_05RS.dgn

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.
2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. NOT TO SCALE

DATE

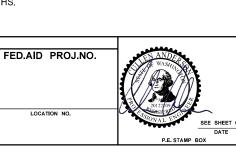
BY

10 WASH

JOB NUMBER

21A023

LOCATION NO.





GORE AREA

MATCH EXISTING SLOPE

EXISTING ROADWAY

ROADWAY SECTION K

EM LINE STA 96+14 TO STA 96+82

EM LINE

■ LANE

SR 99 EM\_LINE

MATCH EXISTING SLOPE

**EXISTING ROADWAY** 

PRECAST DUAL FACED SLOPED MOUNTABLE CURB

EXISTING CURB

SR 99 PLAN REF NO DUWAMISH RIVER TO S SPOKANE ST VIC **PAVING & ADA COMPLIANCE** 

9 130 SHEETS **ROADWAY SECTIONS** 

EXISTING CURB

EXISTING CURB

EXISTING CURB

RS3

MATCH EXISTING SLOPE

PRECAST DUAL FACED
SLOPED MOUNTABLE CURB

EXISTING ROADWAY

0.15' 1 2

GORE AREA

EM LINE, STA 96+16 TO STA 96+56

MATCH EXISTING SLOPE

ROADWAY SECTION L

EM LINE STA 96+82 TO STA 97+44

MATCH EXISTING SLOPE

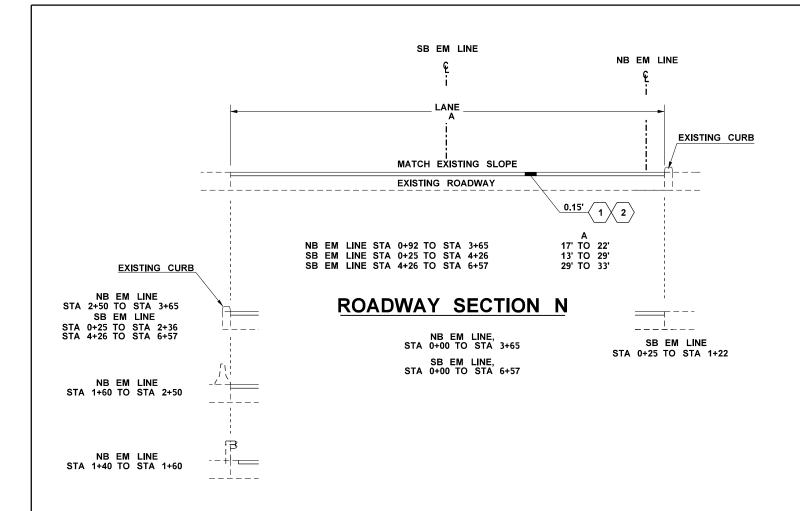
EXISTING ROADWAY

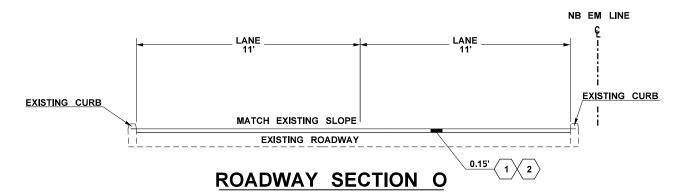
EXISTING ROADWAY

GORE AREA

← LANE → 15.5' TO 17.5'

	ROADWAY	SECTION M		0.15' 1 2	
	EM STA 97+44 T	LINE O STA 98+37	 	EM LINE, FA 97+56 TO STA 96+64	
	SLO	PRECAST DUAL FACED PED MOUNTABLE CURB			
		1 2 0.15'	st	EM LINE, FA 97+44 TO STA 97+56	
					Plot 3





NB EM LINE, STA 3+65 TO STA 5+34

NB EM LINE STA 101+09 TO STA 102+76

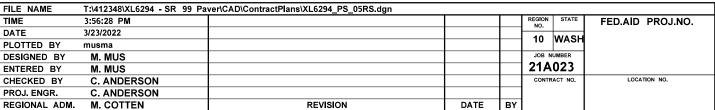
#### **LEGEND**

PLANING BITUMINOUS PAVEMENT

HMA CL. 1/8 IN. PG 58H-22

1. SEE PAVING PLANS FOR TAPER LOCATIONS AND LENGTHS.

2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS. 3. NOT TO SCALE







## Washington State **Department of Transportation**

#### SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

**ROADWAY SECTIONS** 

Plot 4

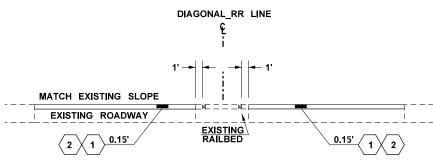
PLAN REF NO

RS4

SHEET 10

130 SHEETS

## **ROADWAY SECTION P** DAWSON\_RR LINE, STA 0+00 TO STA 2+39



DAWSON\_RR LINE

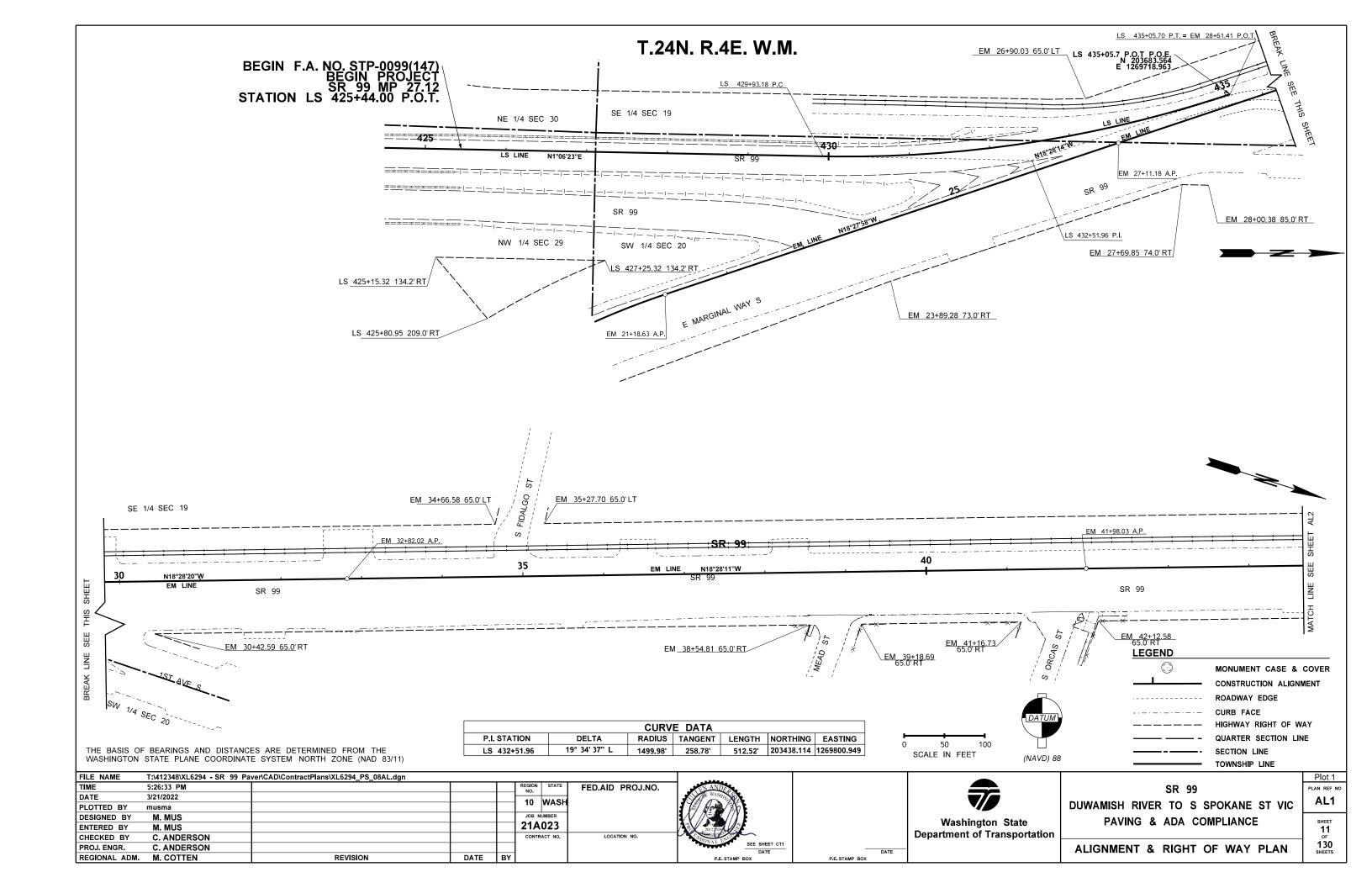
EXISTING
RAILBED
TO BE REMOVED
SEE SHEET PV4
DETAIL (C) HAZARDOUS MATERIAL EXCAVATION INCLUDING HAUL

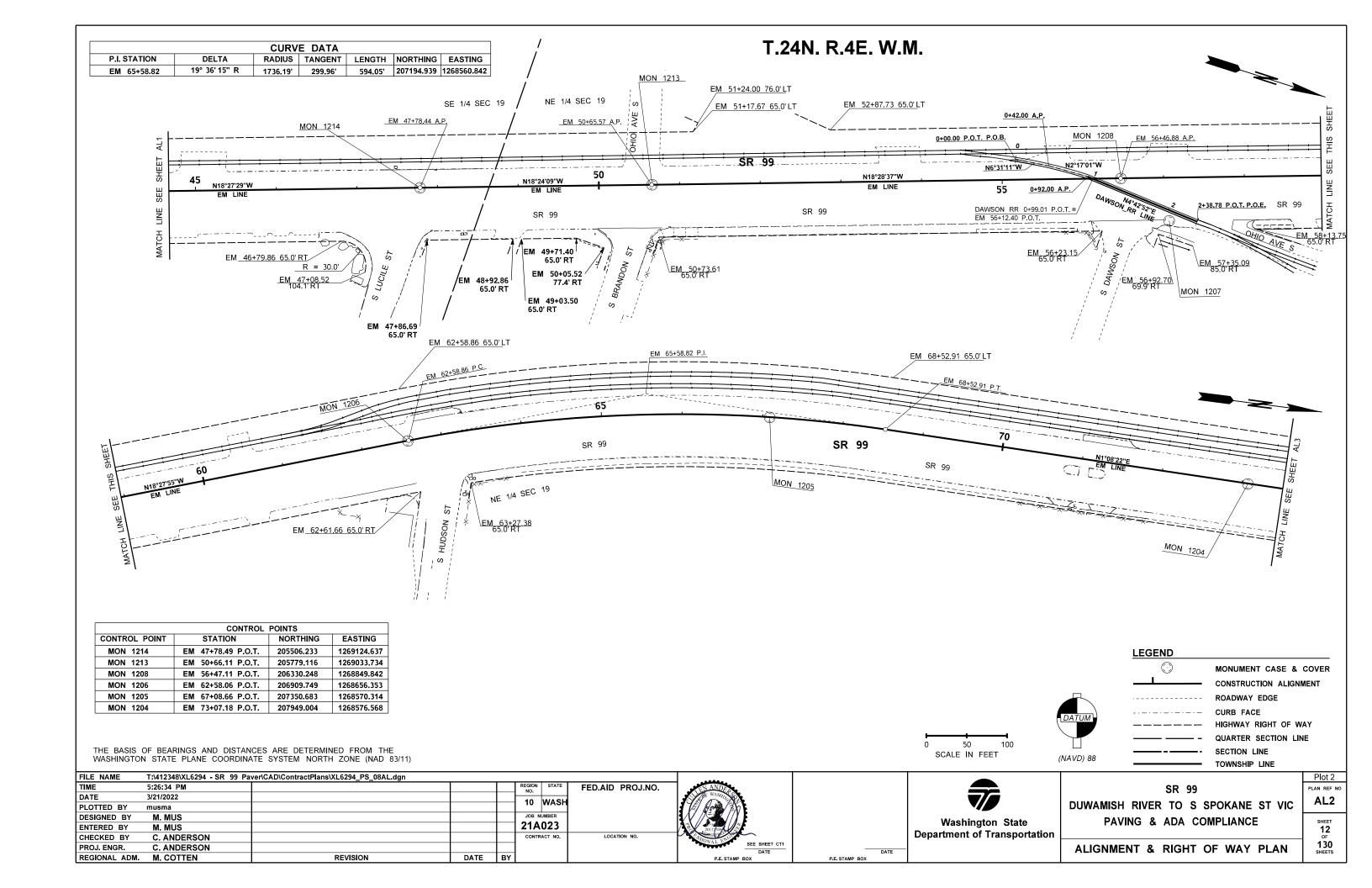
MATCH EXISTING SLOPE

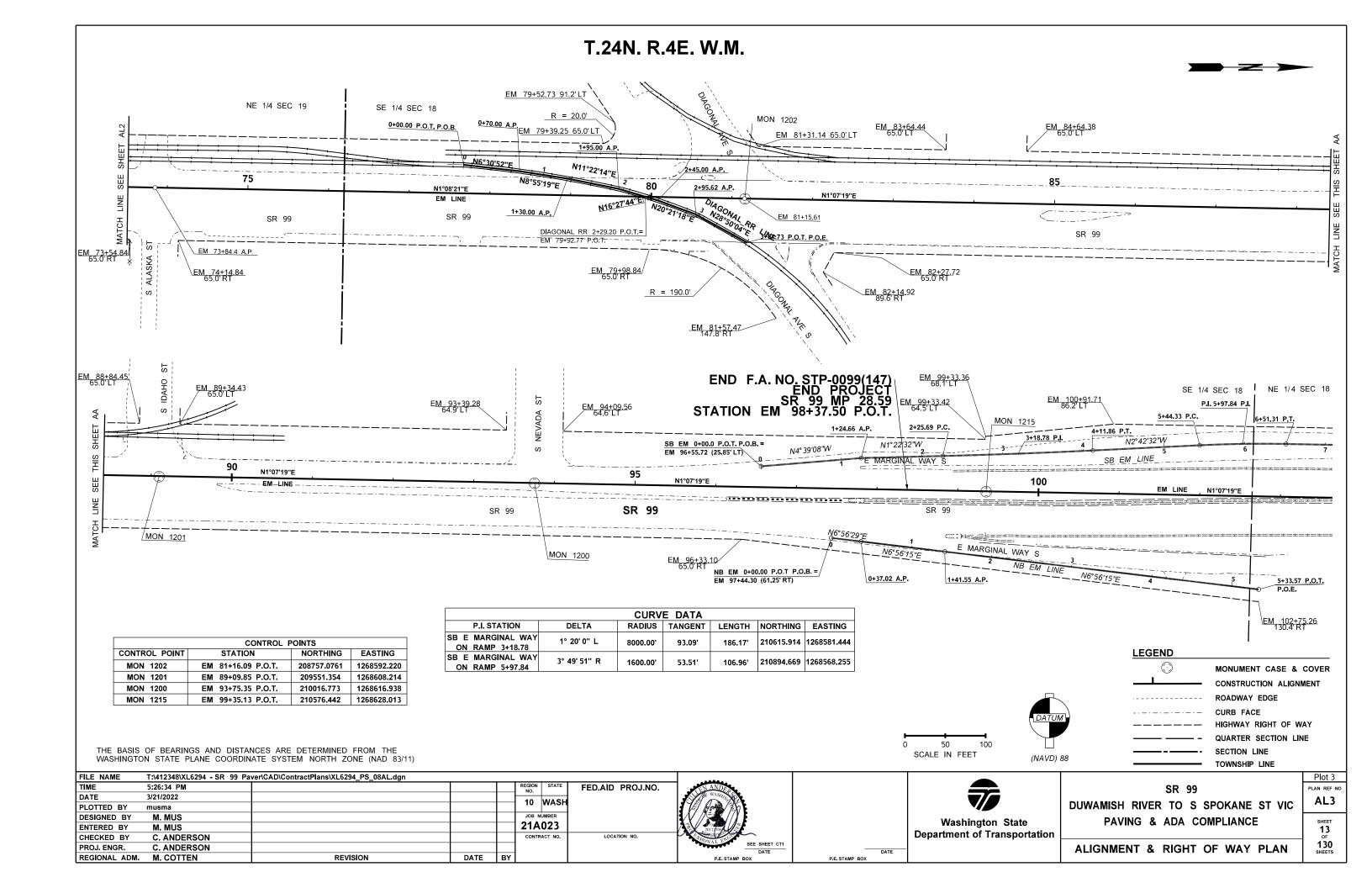
EXISTING ROADWAY

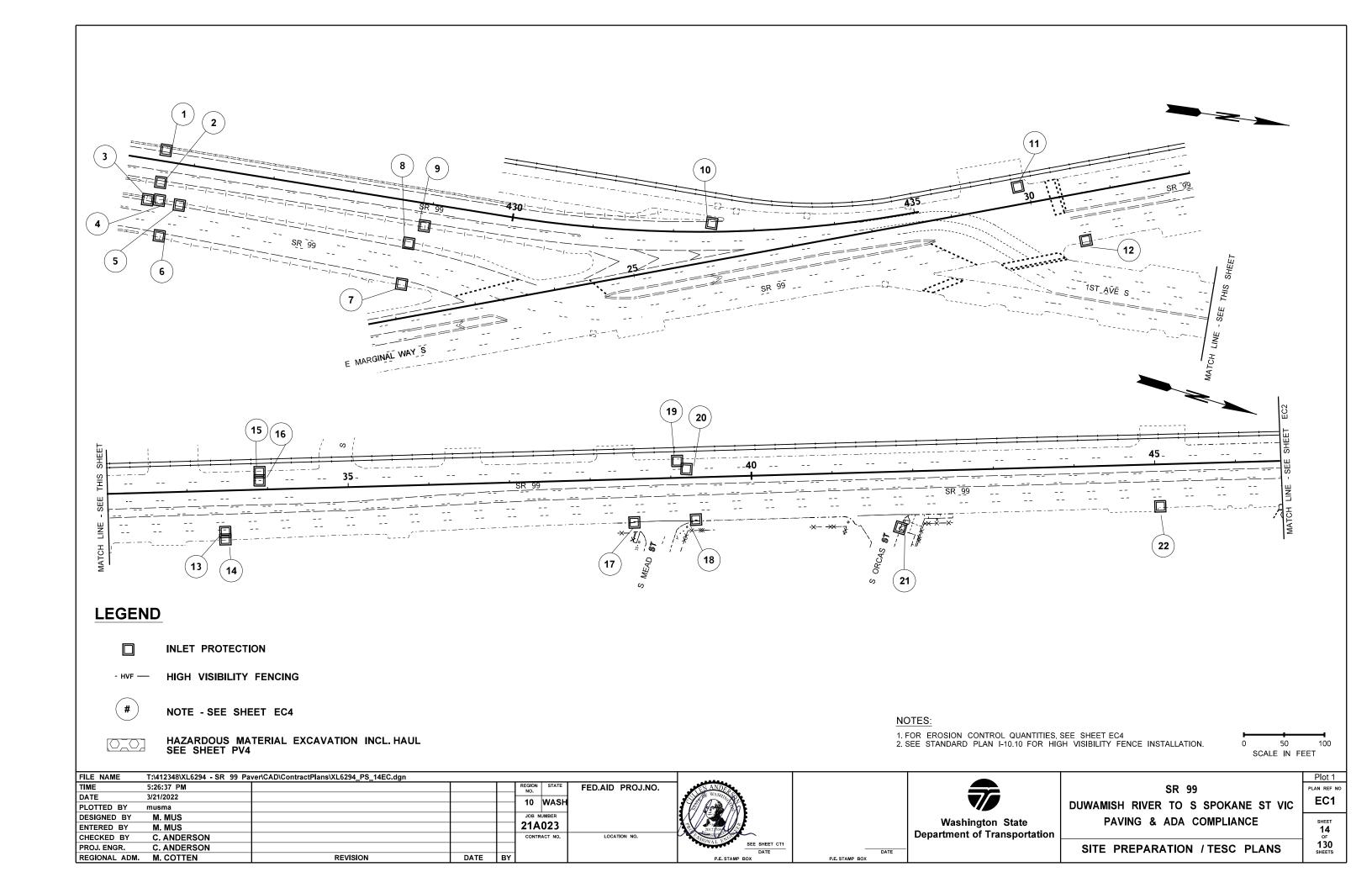
#### ROADWAY SECTION Q

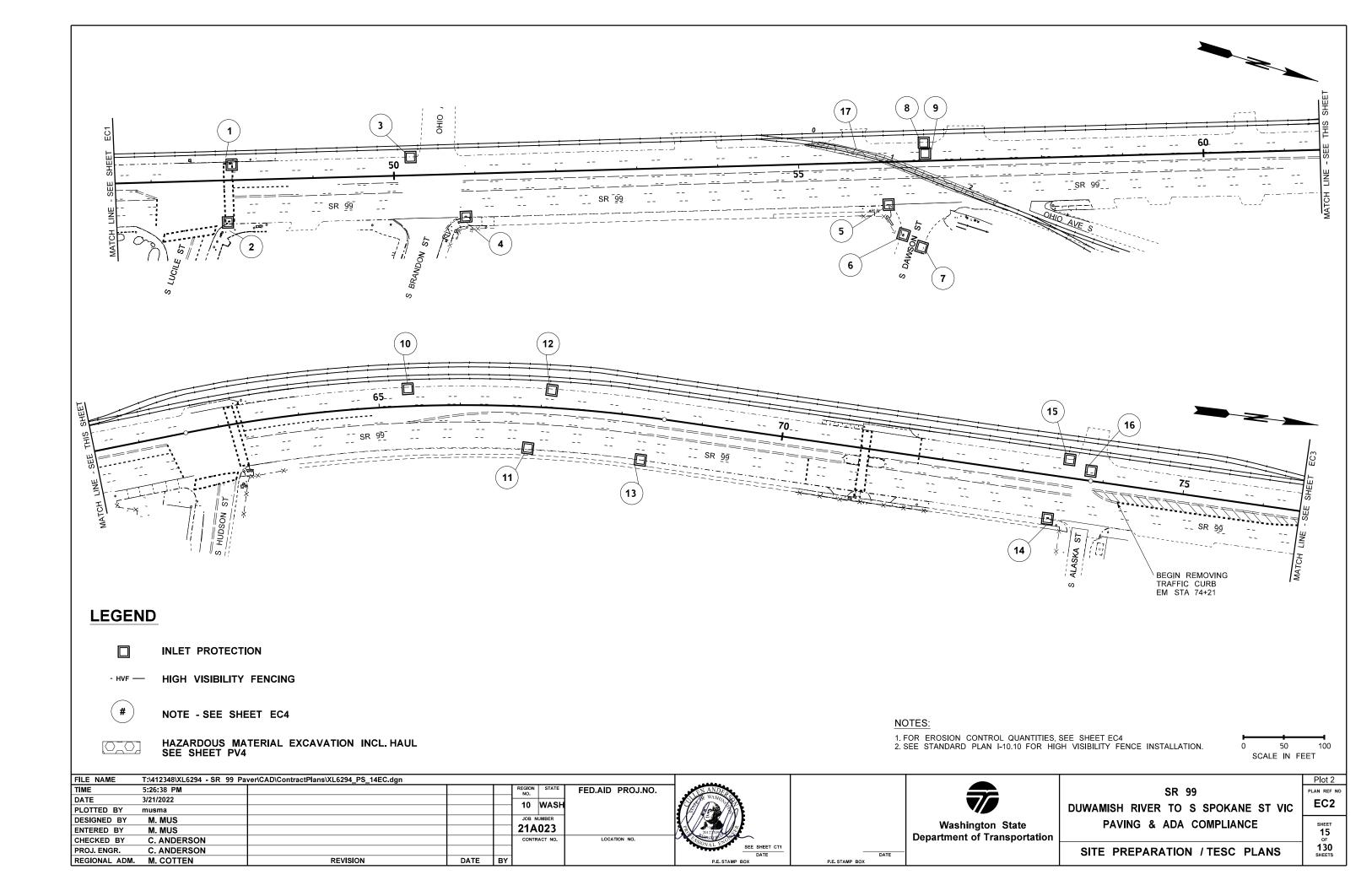
DIAGONAL\_RR LINE, STA 1+21 TO STA 3+68

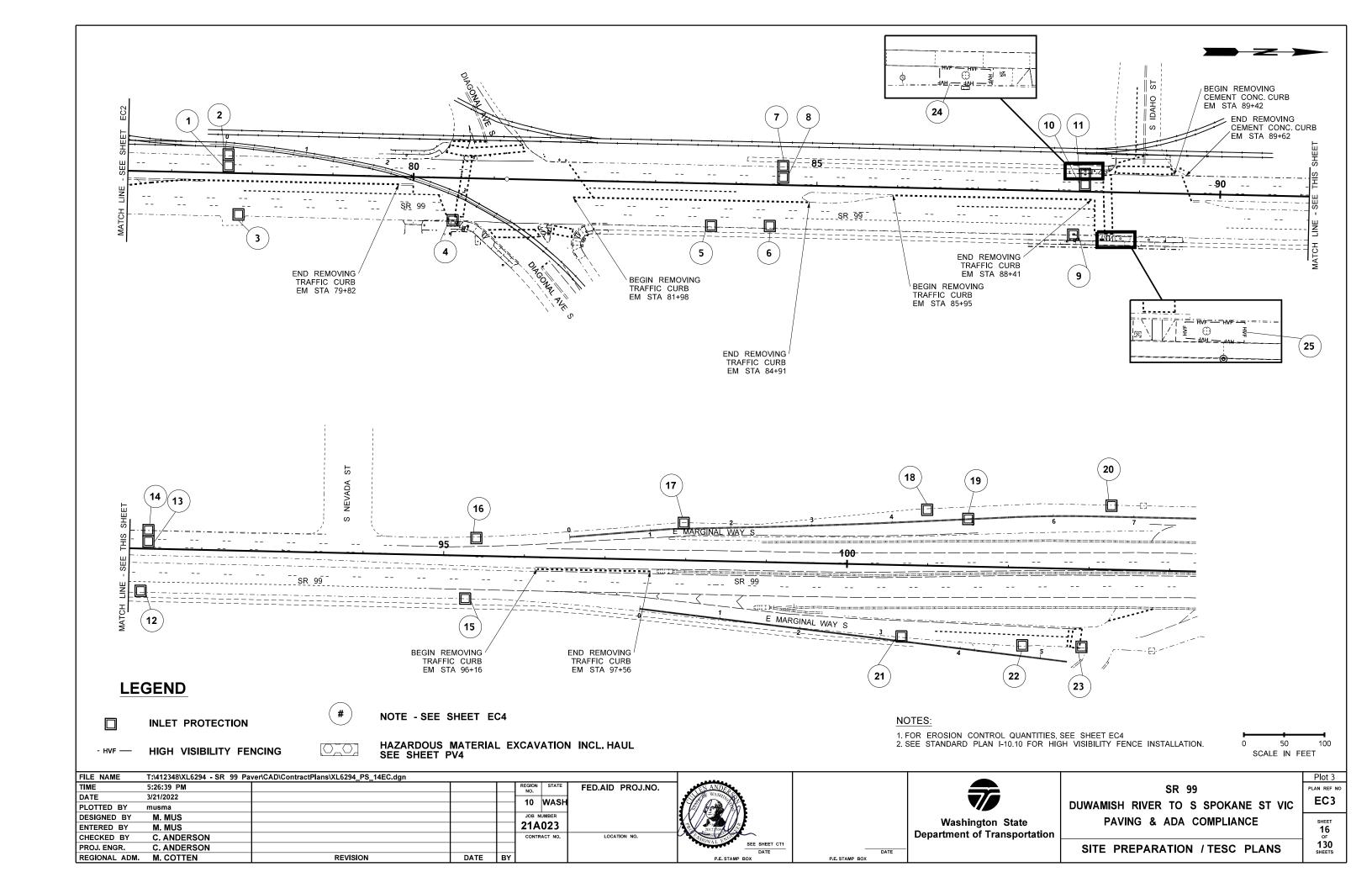












#### INLET PROTECTION

SHEET-NOTE	STATION	OFFSET
EC1-1	LS LINE 425+60	15' LT
EC1-2	LS LINE 425+58	35' RT
EC1-3	LS LINE 425+48	49' RT
EC1-4	LS LINE 425+61	49' RT
EC1-5	LS LINE 425+88	49' RT
EC1-6	LS LINE 425+71	92' RT
EC1-7	LS LINE 428+76	104' RT
EC1-8	LS LINE 428+77	51' RT
EC1-9	LS LINE 428+93	29' RT
EC1-10	LS LINE 432+49	14' LT
EC1-11	EM LINE 29+88	22' LT
EC1-12	EM LINE 30+58	60' RT
EC1-13	EM LINE 33+45	53' RT
EC1-14	EM LINE 33+45	60' RT
EC1-15	EM LINE 33+91	12' LT
EC1-16	EM LINE 33+91	22' LT
EC1-17	EM LINE 38+53	53' RT
EC1-18	EM LINE 39+30	53' RT
EC1-19	EM LINE 39+09	22' LT
EC1-20	EM LINE 39+18	11' LT
EC1-21	EM LINE 41+82	70' RT
EC1-22	EM LINE 45+03	52' RT

#### INLET PROTECTION

SHEET-NOTE	STATION	OFFSET
EC2-1	EM LINE 47+98	21'LT
EC2-2	EM LINE 47+93	53' RT
EC2-3	EM LINE 50+22	22' LT
EC2-4	EM LINE 50+87	52' RT
EC2-5	EM LINE 56+09	52' RT
EC2-6	EM LINE 56+26	90' RT
EC2-7	EM LINE 56+48	106' RT
EC2-8	EM LINE 56+54	22' LT
EC2-9	EM LINE 56+54	11' LT
EC2-10	EM LINE 65+36	22' LT
EC2-11	EM LINE 66+85	51' RT
EC2-12	EM LINE 67+13	22' LT
EC2-13	EM LINE 68+30	52' RT
EC2-14	EM LINE 73+38	52' RT
EC2-15	EM LINE 73+55	22' LT
EC2-16	EM LINE 73+84	13'LT

#### REMOVING CEMENT CONC. CURB

BEGIN STATION	END STATION	DISTANCE
EM LINE 89+42	EM LINE 89+62	20'
PROJEC	121'	

#### INLET PROTECTION

	INCEL PROTECTION					
SHEET-NOTE	STATION	OFFSET				
EC3-1	EM LINE 77+70	11'LT				
EC3-2	EM LINE 77+70	19' LT				
EC3-3	EM LINE 77+84	52' RT				
EC3-4	EM LINE 80+49	52' RT				
EC3-5	EM LINE 83+69	52' RT				
EC3-6	EM LINE 84+43	52' RT				
EC3-7	EM LINE 84+59	22' LT				
EC3-8	EM LINE 84+59	11'LT				
EC3-9	EM LINE 88+19	52' RT				
EC3-10	EM LINE 88+32	11'LT				
EC3-11	EM LINE 88+32	22' LT				
EC3-12	EM LINE 91+26	52' RT				
EC3-13	EM LINE 91+33	11'LT				
EC3-14	EM LINE 91+33	23' LT				
EC3-15	EM LINE 95+27	52' RT				
EC3-16	EM LINE 95+40	22' LT				
EC3-17	EM LINE 97+96	46' LT				
EC3-18	EM LINE 100+97	70' LT				
EC3-19	EM LINE 101+50	60' LT				
EC3-20	EM LINE 103+27	80' LT				
EC3-21	EM LINE 100+70	88' RT				
EC3-22	EM LINE 102+20	88' RT				
EC3-23	EM LINE 102+92	97' RT				
PROJ	ECT TOTAL	61				
		1				

#### HIGH VISIBILITY FENCE

SHEET-NOTE	STATION	OFFSET	QUANTITY
EC3-24	EM LINE 88+24 TO 88+40	21', 27' LT	40'
EC3-25	EM LINE 88+70 TO 88+89	54', 60' RT	60'

#### HAZARDOUS MATERIAL EXCAVATION INCL. HAUL

SHEET-NOTE	STATION	QUANTITY	
EC2-17	DAWSON_RR 0+00 TO 2+39	96 CY	

#### REMOVING TRAFFIC CURB

BEGIN STATION	END STATION	DISTANCE
EM LINE 74+21	EM LINE 79+82	561'
EM LINE 81+98	EM LINE 84+91	293'
EM LINE 85+95	EM LINE 88+41	246'
EM LINE 96+16	EM LINE 97+56	140'
PROJEC	1240'	

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_14EC.dgn						
TIME	5:26:40 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1.
DATE	3/21/2022					WASH		13
PLOTTED BY	musma				10	WASH		177
DESIGNED BY	M. MUS					IUMBER		$\mathbb{N}$
ENTERED BY	M. MUS				21A	.023		<b>A</b>
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.	M
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				





SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

Plot 4

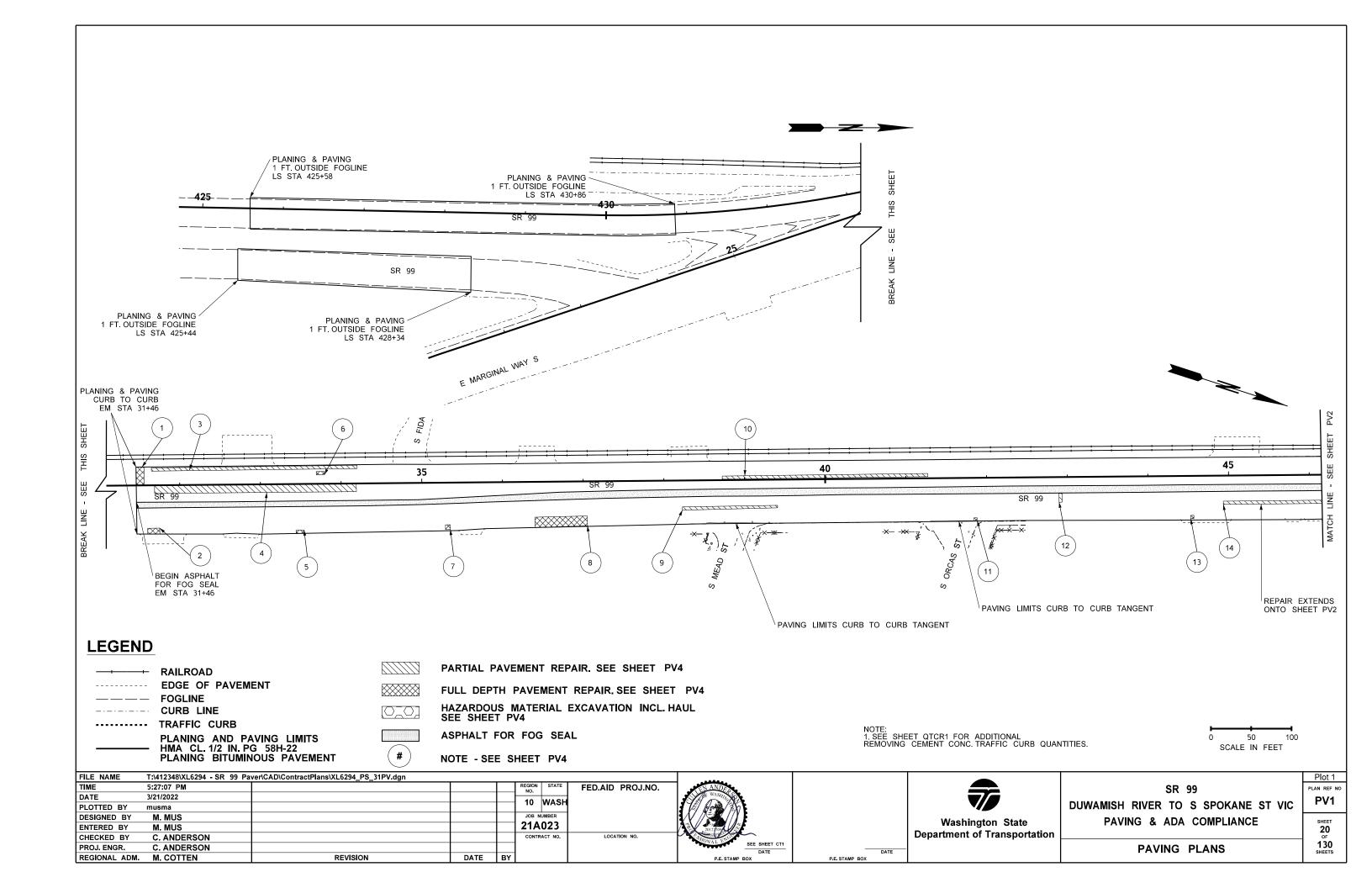
PLAN REF NO EC4

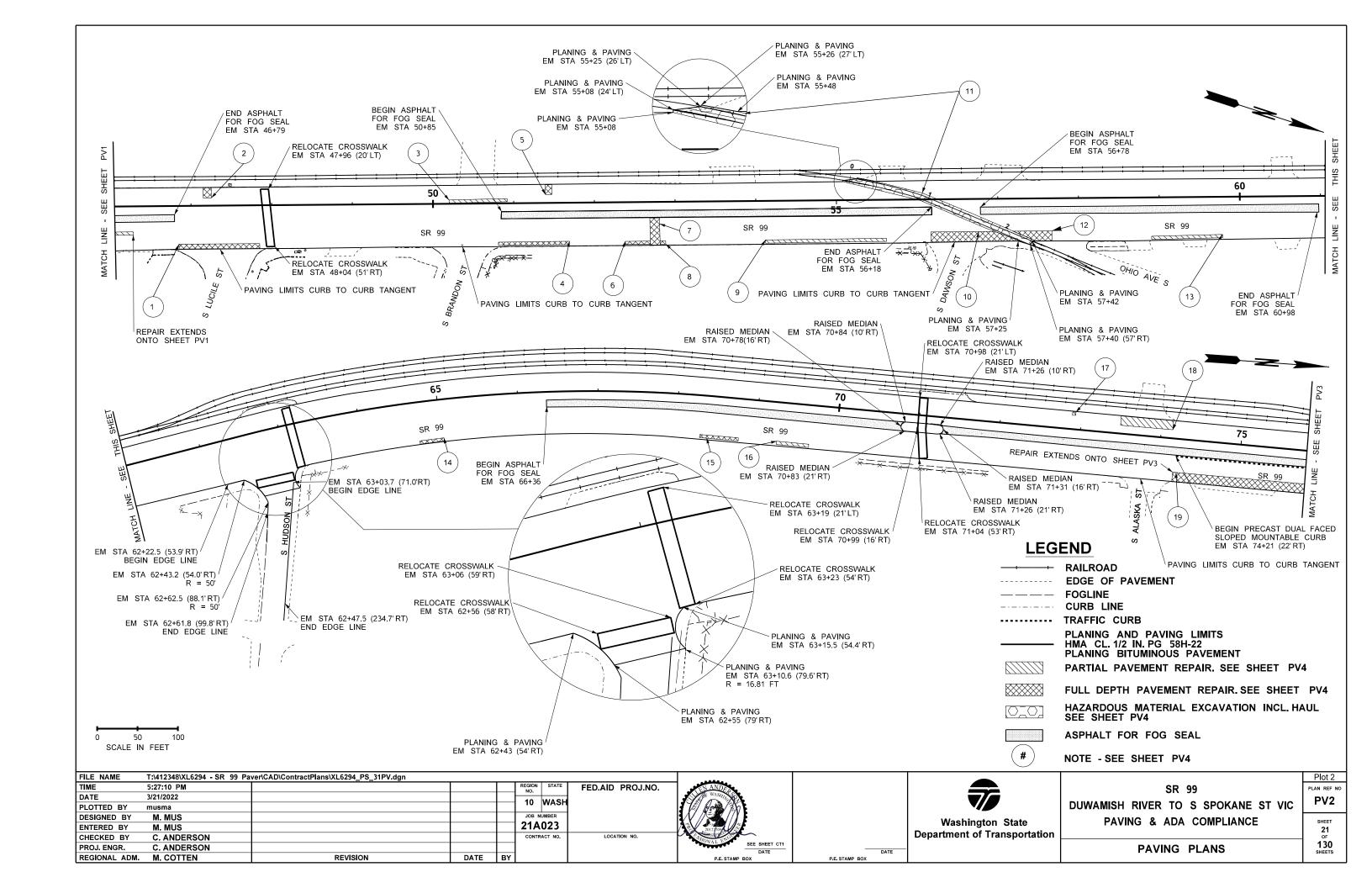
> 17 130 SHEETS

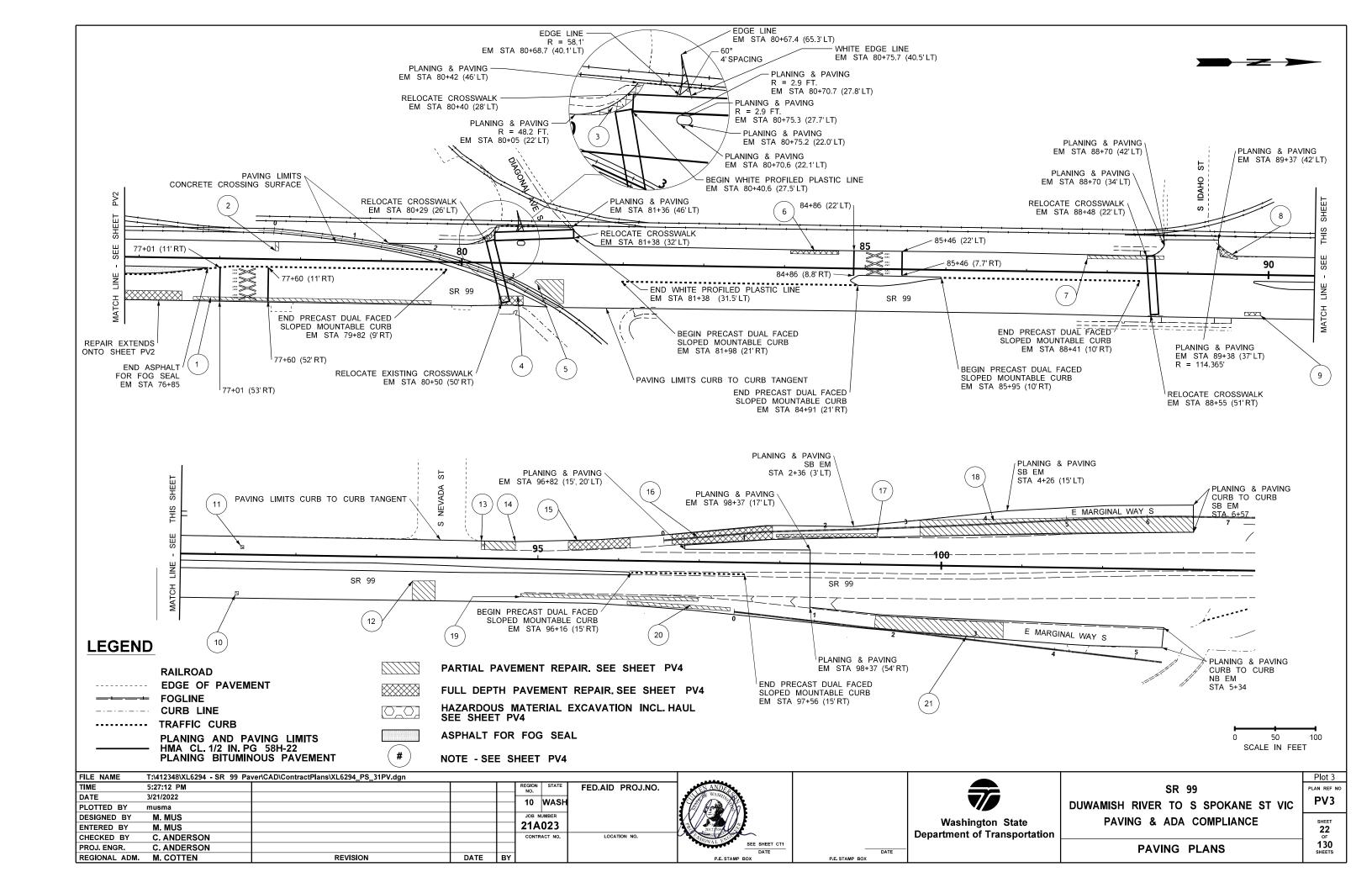
SITE PREPARATION / TESC PLANS

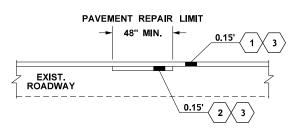
		C	QUAN	TITY	TAE	BULA	TION	1 - PA	VINC	G / P	AVEN	/ENT	MA	RKIN	GS		
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	REMOVING CEMENT CONC. CURB	EMOVING TRAFFIC CURB	PRECAST DUAL FACED SLOPED MOUNTABLE CURB		LASTIC LINE	ROFILED PLASTIC LINE	LASTIC WIDE LINE		LASTIC CROSSWALK LINE	LASTIC STOP LINE		LASTIC TRAFFIC ARROW	LASTIC TRAFFIC LETTER	LASTIC RAILROAD SYMBOL	EE GENERAL NOTES	GENERAL NOTES:	
CODE LOCATION ✓ \ UNIT OF MEASURE >	L.F.	L.F.	L.F.		L.F.	L.F.	L.F.		S.F.	L.F.		 EACH	<u>⊏</u> EACH	EACH	<u> </u>		
NB LS 425+44 TO LS 430+86 SB LS 425+44 TO LS 430+86	L.1 .	E.1 .	L.1 .		1,160 2,120	L1 ·	L.1 .		0.1	L.11 .		LACIT	27011	LACIT	1 THRU 4	REGARDLESS OF THE ORIGINAL MATERI	.3(4), AL
EM 31+46 TO EM 48+00					12,770				240	35		2	4		1 THRU 4	MARKING PATTERNS.	JII 1/ (L
EM 48+00 TO EM 50+82					1,020		70					2	8		1 THRU 5	3. LANE LINES SHALL BE SUPPLEMENTE RAISED PAVEMENT MARKERS PER STD.	
EM 50+82 TO EM 63+30					6,960		90		260	86		4	8		1 THRU 6		AISED
S HUDSON ST					240				160	15					1 THRU 5	SPACED AT 40' INTERVALS. CENTER THE	
EM 63+30 TO EM 71+71					4,750		160		260	30		7	24		1 THRU 6, 8	IN THE GAPS BETWEEN THE PAVEMENT MARKING LINES.	
EM 71+71 TO EM 82+07		570	570		5,240				260	45		8	24	4	1 THRU 5, 7, 8	4. MARKINGS SHALL BE REFERENCED AI REPLACED IN THE PREVIOUS LOCATION	
EM 82+07 TO EM 89+61	20	530	530		2,600	100	390		600	133		6	24	3	1 THRU 5, 9	SPECIAL PROVISION "REFERENCING EXI	STING
EM 89+61 TO EM 98+37	20	140	140		2,890	100	860		480	144		0	24	3	1 THRU 4	SHOWN IN THE PLANS.	
ON RAMP SB EM 0+00 TO SB EM 6+57  OFF RAMP NB EM 0+00 TO NB EM 5+34					500 590		170			25		3	12		1 THRU 5	6. SEE PAVING PLANS FOR DETAILS.  7. SEE QUANTITY TABULATIONS - CURB FOR ADDITIONAL REMOVING CEMENT COURB QUANTITIES.  8. SEE STD. PLAN M-11.10 FOR RAILROAL	RAMP: ONC.
																CROSSING LAYOUT	
																9. SEE EC3 FOR REMOVING TRAFFIC CUI LOCATION.	₹B
																EGGATION.	
																_	
																-	
										-						-	
SHEET TOTAL PROJECT TOTAL		1240 1240	1240 1240		40840 40840	100 100	1740 1740		2260 2260	513 513		32 32	104 104	7			
ESIGNED BY M. MUS	-		-		REGION NO.			PROJ. NO.					-	•	שווח	SR 99 AMISH RIVER TO S SPOKANE ST VIC	(
NTERED BY M. MUS HECKED BY C. ANDERSON					JOB N	JMBER										PAVING & ADA COMPLIANCE	
ROJ. ENGR. C. ANDERSON EGION ADM. M. COTTEN DATE DATE		DEVISION		BY	21A CONTRA										QUAN	TITY TABULATION - PAVING / PAVEMENT MARKINGS	]
DATE DATE		REVISION		Bĭ													S

		QUA	ANTITY	/ TAB	BULA	TION - PA	VING /	PAVE	MENT	MARKIN	IGS		
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.  THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	E RAISED PAVEMENT MARKER	r TEMPORARY PAVEMENT	TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	ר TEMPORARY STOP LINE - יי SHORT DURATION	ம் TEMPORARY CROSSWALK LINE ்ப - SHORT DURATION						SEE GENERAL NOTES	GENERAL NOTES:	
NB LS 425+44 TO LS 430+86  SB LS 425+44 TO LS 430+86  EM 31+46 TO EM 48+00  EM 48+00 TO EM 50+82  EM 50+82 TO EM 63+30  S HUDSON ST  EM 63+30 TO EM 71+71  EM 71+71 TO EM 82+07  EM 82+07 TO EM 89+61  EM 89+61 TO EM 98+37  ON RAMP SB EM 0+00 TO SB EM 6+57  OFF RAMP NB EM 0+00 TO NB EM 5+34	0.1  0.1  2.4  0.2  1.7  1  0.7  0.6	1,740 3,170 16,170 2,040 12,060 40 8,930 10,020 5,970 7,490	6 10 12 50 31 32 30	40 90 20 30 50 140 150	240 260 160 260 600 480						1 THRU 4  1 THRU 5  1 THRU 6  1 THRU 6  1 THRU 6  1 THRU 6, 8  1 THRU 5, 7,3  1 THRU 5, 9  1 THRU 5	REGARDLESS OF THE ORIGINAL MATERI. TYPE.  2. SEE STD. PLAN M-20.10 FOR LONGITUE MARKING PATTERNS.  3. LANE LINES SHALL BE SUPPLEMENTED RAISED PAVEMENT MARKERS PER STD. M-20.30. NOTE 1 IS REVISED TO READ: R/PAVEMENT MARKERS TYPE 2W SHALL BE SPACED AT 40' INTERVALS. CENTER THE IN THE GAPS BETWEEN THE PAVEMENT MARKING LINES.  4. MARKINGS SHALL BE REFERENCED AN REPLACED IN THE PREVIOUS LOCATION: SPECIAL PROVISION "REFERENCING EXI	.3(4), IAL  DINAL  DINAL  DINAL  DINAL  DINAL  E PLANS  AISED  E RPMS  ND  S PER  STING  WISE  E WIDTH  RAMPS  ONC.
DESIGNED BY M. MUS ENTERED BY M. MUS CHECKED BY C. ANDERSON PROJ. ENGR. C. ANDERSON REGION ADM. M. COTTEN		68580 68580	186	21A	WASH UMBER	FED. AID PROJ. NO.						SR 99 AMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE  TITY TABULATION - PAVING / PAVEMENT MARKINGS	QTPM  SHEE  19  OF  130



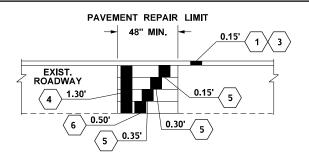






#### PARTIAL PAVEMENT REPAIR (A)

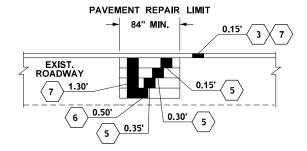
SEE TABLE FOR LOCATIONS



#### FULL DEPTH PAVEMENT REPAIR (B)

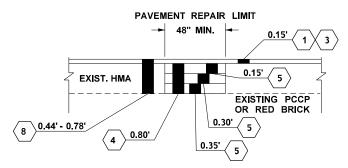
WITHOUT UNDERLYING PCCP

SEE TABLE FOR LOCATIONS



#### HAZARDOUS MATERIAL EXCAVATION INCLUDING HAUL (C)

SEE TABLE FOR LOCATIONS



#### **FULL PAVEMENT REPAIR (D)**

WITH UNDERLYING PCCP
SEE TABLE FOR LOCATIONS

# PAVEMENT REPAIR LIMIT 48" MIN. 0.15' 1 EXIST. HMA 0.15' 5 EXISTING PCCP OR RED BRICK 0.30' 5 0.35' 5 VARIES SEE NOTE 5

#### **FULL PAVEMENT REPAIR (E)**

PCCP PANEL REMOVAL

SEE TABLE FOR LOCATIONS

#### **LEGEND**

- 1 PLANING BITUMINOUS PAVEMENT
- 2 PLANING PAVEMENT FOR PARTIAL DEPTH PAVEMENT REPAIR
- 3 HMA CL. 1/2 IN. PG 58H-22
- 4 PAVEMENT REPAIR EXCAVATION INCL. HAUL
- 5 HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
- 6 CRUSHED SURFACING BASE COURSE
- REMOVAL OF STRUCTURES AND OBSTRUCTIONS
- 8 HMA DEPTH
- 9 PAVEMENT REPAIR EXCAVATION PCCP INCL. HAUL

#### **GENERAL NOTES:**

- 1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 2. NO COURSE SHALL EXCEED THE MAXIMUM DEPTHS SPECIFIED IN SECTION 5-04.3(7).
- 3. SEAL CRACKS IN ACCORDANCE WITH SECTION 5-04.3(4).
- 4. CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS.
- 5. FOR PAVEMENT REPAIR EXCAVATION PCCP INCL. HAUL, SEE SPECIAL PROVISION 5-04.3(4)C.

PV3-19

PV3-20

PV3-21

EM LINE

NB EM

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_31PV.dgn						Т
TIME	5:27:15 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	3/21/2022				10	WASH		وا
PLOTTED BY	musma				'0	WASH		13
DESIGNED BY	M. MUS					NUMBER		11
ENTERED BY	M. MUS				21A	023		/
CHECKED BY	C. ANDERSON				CONTI	RACT NO.	LOCATION NO.	Υ
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				





94+79 TO 96+99

96+11 TO 97+39

1+75 TO 3+35

## SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

PAVING DETAILS

LEFT WHEEL PATH

RIGHT WHEEL PATH

FULL WIDTH

128

160 234

48

Plot 4

PV4

23

130 SHEETS

			NT REPAIR				
			DESCRIPTION	<b>N</b>			
SHEET-NOTE	ALIGNMENT	STATIONING	REPAIR	DIRECTION	LOCATION	LENGTH (FT)	WIDTH (IN)
PV1-1	EM LINE	31+46 TO 31+56	D OR E	SB	FULL WIDTH LANE 1 & 2	10	264
PV1-2	EM LINE	31+60 TO 31+75	Α	NB	RIGHT WHEEL PATH LANE 1	15	84
PV1-3	EM LINE	31+65 TO 34+20	Α	SB	RIGHT WHEEL PATH LANE 1	255	48
PV1-4	EM LINE	31+69 TO 34+19	Α	SB	FULL WIDTH LANE 3	250	132
PV1-5	EM LINE	33+43 TO 33+53	D OR E	NB	RIGHT WHEEL PATH/ NEXT TO CURB LANE	10	48
PV1-6	EM LINE	33+69 TO 33+79	D OR E	SB	RIGHT WHEEL PATH LANE 1	10	48
PV1-7	EM LINE	35+28 TO 35+34	D OR E	NB	RIGHT WHEEL PATH LANE 1	6	72
PV1-8	EM LINE	36+39 TO 37+04	D OR E	NB	FULL WIDTH LANE 1	65	132
PV1-9	EM LINE	38+22 TO 39+40	Α	NB	LEFT WHEEL PATH LANE 2	118	48
PV1-10	EM LINE	38+72 TO 41+27	Α	SB	LEFT WHEEL PATH LANE 2	255	48
PV1-11	EM LINE	41+84 TO 41+88	D OR E	NB	LEFT WHEEL PATH LANE 1	4	48
PV1-12	EM LINE	42+90 TO 42+94	Α	NB	FULL WIDTH LANE 3	4	132
PV1-13	EM LINE	44+52 TO 44+56	D OR E	NB	RIGHT WHEEL PATH LANE 1	4	48
PV1-14	EM LINE	44+93 TO 46+28	Α	NB	LEFT WHEEL PATH LANE 2	135	48
PV2-1	EM LINE	46+84 TO 47+84	D OR E	NB	RIGHT WHEEL PATH LANE 1	100	72
PV2-2	EM LINE	47+15 TO 47+25	D OR E	SB	FULL WIDTH LANE 1	10	132
PV2-3	EM LINE	50+20 TO 50+92	Α	SB	LEFT WHEEL PATH LANE 2	72	48
PV2-4	EM LINE	50+80 TO 51+68	D OR E	NB	RIGHT WHEEL PATH LANE 1	88	48
PV2-5	EM LINE	51+39 TO 51+47	D OR E	SB	FULL WIDTH LANE 1	8	132
PV2-6	EM LINE	52+38 TO 52+69	D OR E	NB	RIGHT WHEEL PATH LANE 1	31	48
PV2-7	EM LINE	52+69 TO 52+81	D OR E	NB	FULL ROAD WIDTH	12	396
PV2-8	EM LINE	52+81 TO 52+88	D OR E	NB	RIGHT WHEEL PATH LANE 1	7	48
PV2-9	EM LINE	54+12 TO 55+62	Α	NB	RIGHT WHEEL PATH LANE 1	150	48
PV2-10	EM LINE	56+17 TO 57+07	D OR E	NB	FULL WIDTH LANE 1	90	132
PV2-11	DAWSON_RR	0+00 TO 2+39	С	вотн	RAILROAD	239	84
PV2-12	EM LINE	56+34 TO 57+67	D	NB	FULL WIDTH LANE 1	33	132
PV2-13	EM LINE	59+80 TO 60+68	Α	NB	RIGHT WHEEL PATH LANE 1	88	48
PV2-14	EM LINE	64+73 TO 65+03	В	NB	RIGHT WHEEL PATH LANE 1	30	48
PV2-15	EM LINE	68+30 TO 68+78	В	NB	RIGHT WHEEL PATH LANE 1	48	48
PV2-16	EM LINE	69+26 TO 69+66	Α	NB	RIGHT WHEEL PATH LANE 1	40	48
PV2-17	EM LINE	72+89 TO 72+93	Α	SB	RIGHT WHEEL PATH LANE 1	4	48
PV2-18	EM LINE	73+49 TO 74+14	Α	SB	FULL WIDTH LANE 1	65	132
PV2-19	EM LINE	74+18 TO 76+53	D OR E	NB	FULL WIDTH LANE 1	235	132
PV3-1	EM LINE	76+68 TO 79+63	Α	NB	RIGHT WHEEL PATH LANE 1	295	48
PV3-2	EM LINE	77+69 TO 77+73	Α	SB	FULL WIDTH LANE 1	4	132
PV3-3	EM LINE	80+05 TO 80+46	В	SB	SW DIAGONAL CURVE WIDENING	34	54
PV3-4	EM LINE	80+47 TO 80+77	D OR E	NB	FULL WIDTH LANE 1	30	132
PV3-5	EM LINE	80+91 TO 81+24	A	NB	FULL WIDTH CENTER OF INTERSECTION	33	396
PV3-6	EM LINE	84+07 TO 84+67	D OR E	SB	RIGHT WHEEL PATH LANE 1	60	48
PV3-7	EM LINE	87+75 TO 88+70	Α	SB	RIGHT WHEEL PATH LANE 1	95	48
PV3-8	EM LINE	89+38 TO 89+61	D OR E	SB	NW IDAHO CURVE WIDENING	23	48
PV3-9	EM LINE	89+71 TO 89+91	D OR E	NB	RIGHT WHEEL PATH LANE 1	20	48
PV3-10	EM LINE	91+26 TO 91+30	Α	NB	CENTER OF LANE 1	4	48
PV3-11	EM LINE	91+31 TO 91+35	D OR E	SB	CATCH BASIN	4	48
PV3-12	EM LINE	93+45 TO 93+73	Α	NB	FULL WIDTH LANE 1 & 2	28	288
PV3-13	EM LINE	94+30 TO 94+34	D OR E	SB	FULL WIDTH LANE 1	4	132
PV3-14	EM LINE	94+34 TO 94+72	A	SB	FULL WIDTH LANE 1	38	132
PV3-15	EM LINE	95+38 TO 96+15	D OR E	SB	FULL WIDTH LANE 1	77	132
PV3-16	SB EM	0+10 TO 1+35	В	SB	RAMP FULL WIDTH	125	171
PV3-17	SB EM	1+40 TO 2+65	В	SB	RIGHT WHEEL PATH	125	48
PV3-18	SB EM	3+18 TO 6+57	Α	SB	FULL WIDTH	339	240
DV3 10	EM INE	94±79 TO 96±99	Λ	ND	LEET WHEEL DATH	220	40

NB

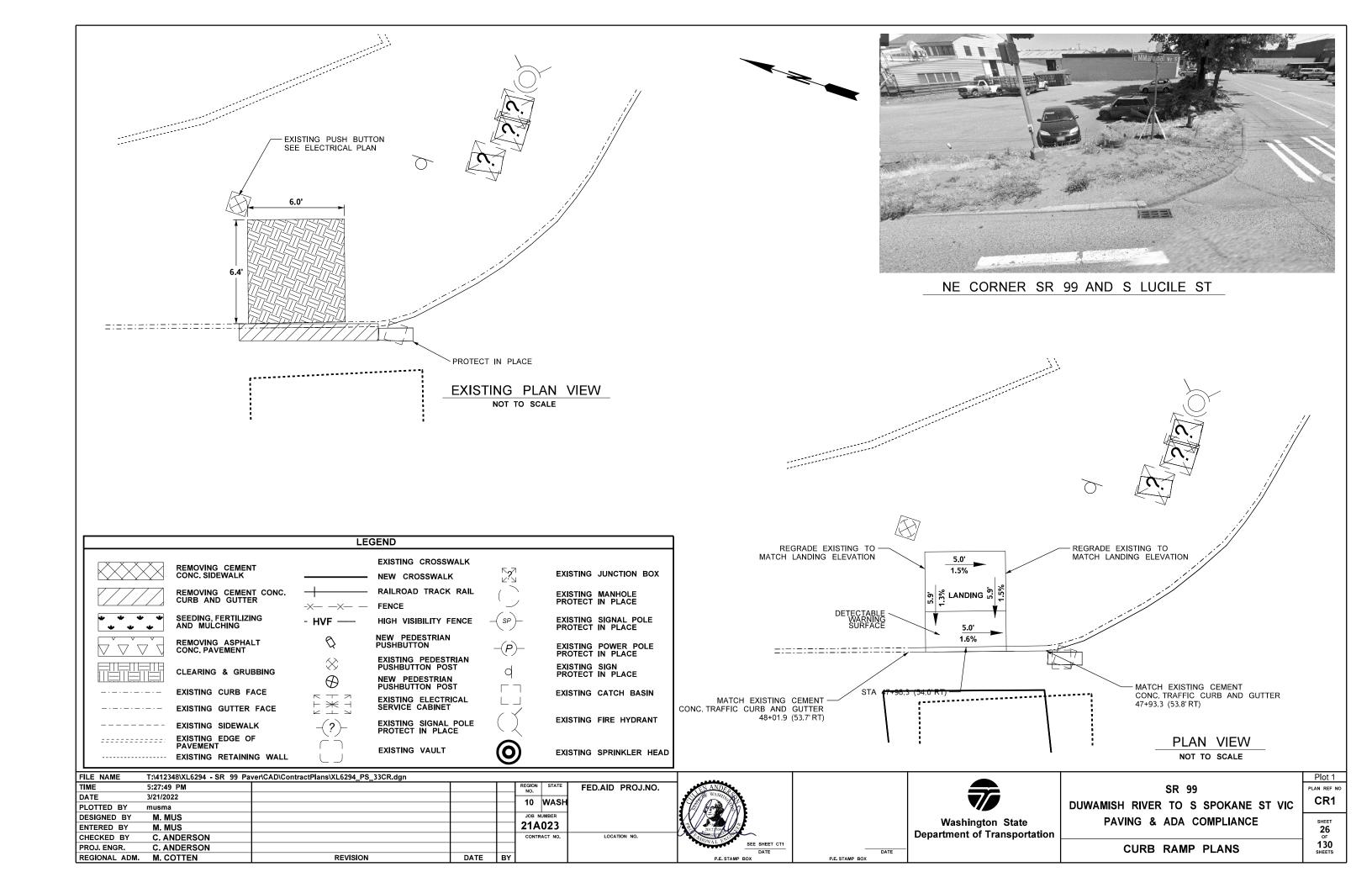
NB

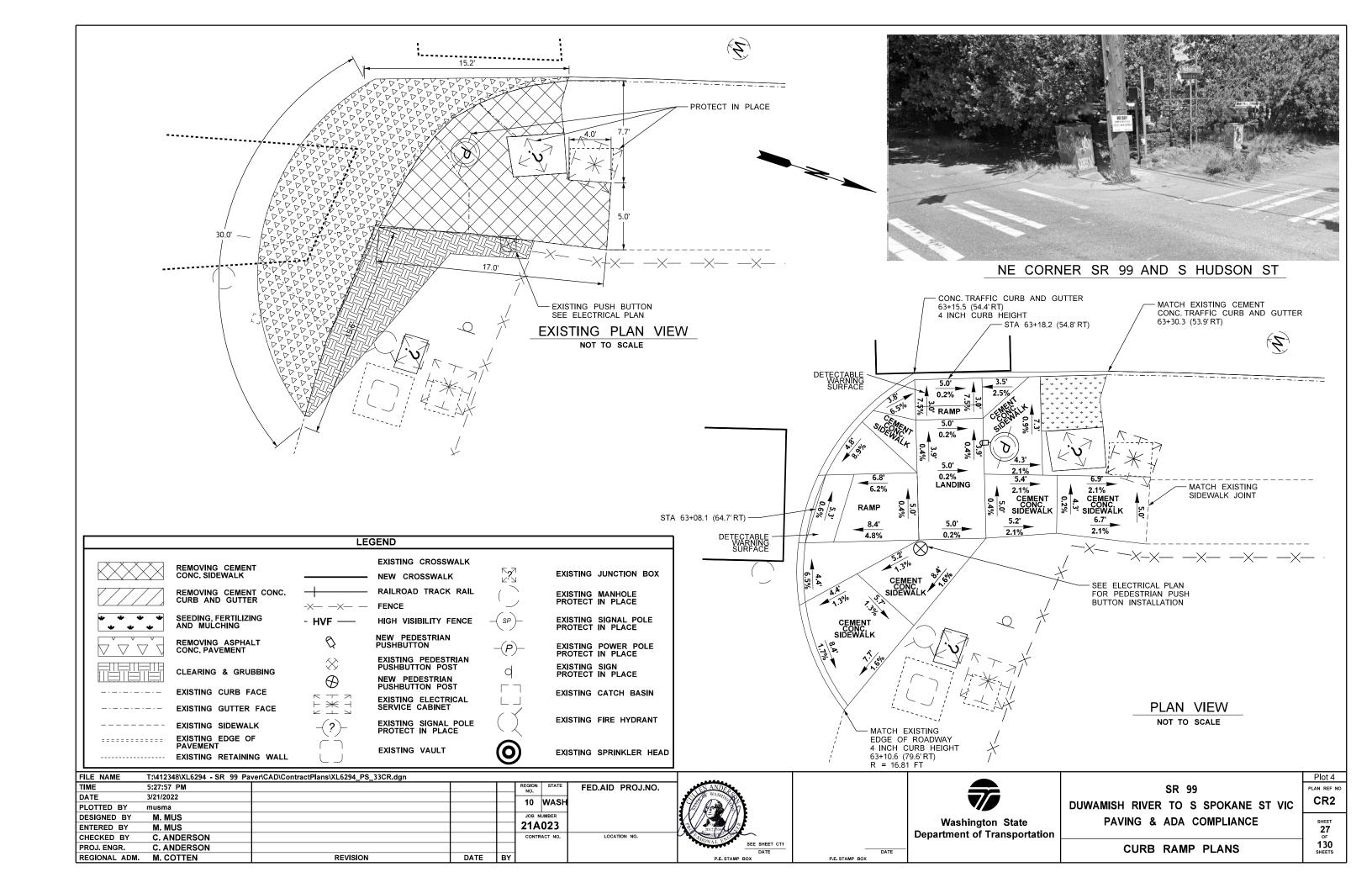
NB

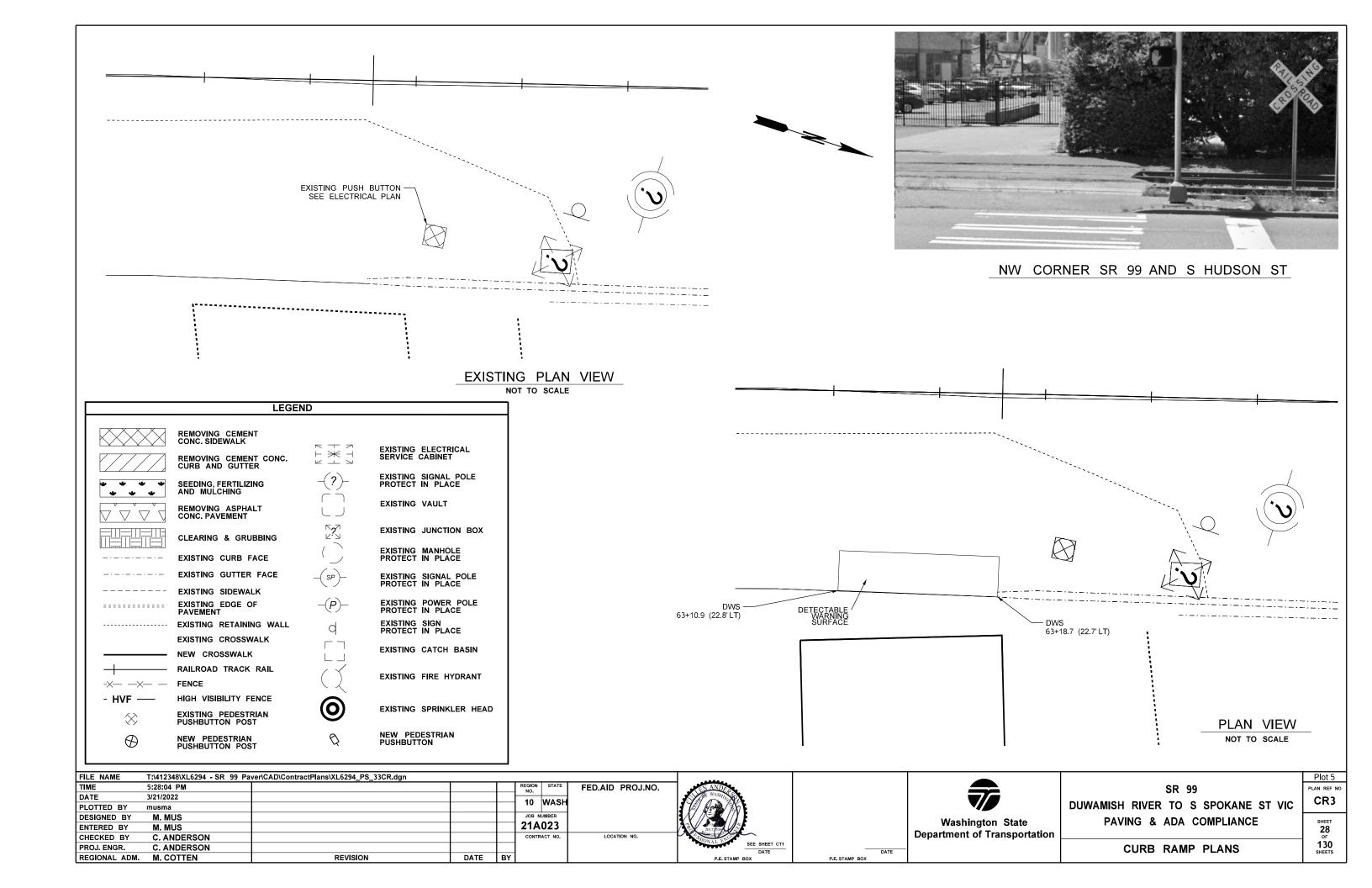
Α

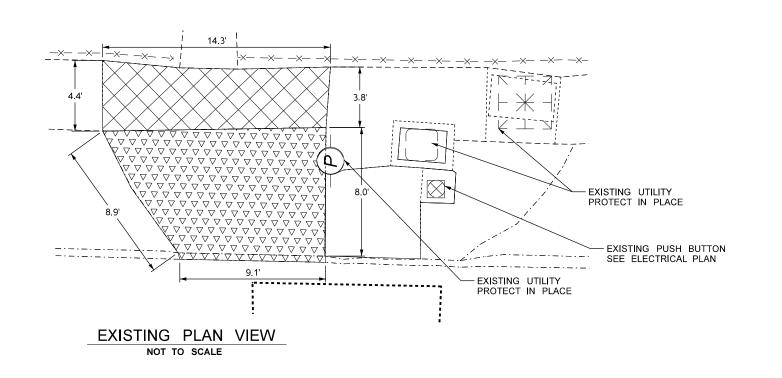
F RESTANDANCE OF THE COOPE RELIGIONS TO A CHILD COLLEGE AND A CHIL	HECKED BY C. ANDERSO					JOB N	 UMBER	_						l l	<b>_</b>
Part   Part	ESIGNED BY M. MUS					10	WASH							DUW	AMISH RIVER TO S SPOKANE ST VIC
THE CONTROL OF THE POLICY DESCRIPTION OF THE SHEET OF THE CHIEF OF THE						REGION NO.	STATE	FED. AID PRO	J. NO.						
EXEMPLIANCE OF THE PRODUCT SELLOW  EXEMPLIANCE OF T			1			143	70		1 4						1
THE REPAIR NUMBER OF THE POODE SELOW ERROR TO THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET H		CHEET TOTAL	44	104	44	442	70		1 1	1 407	04	20	70		
THE REPAIR NUMBER OF THE POODE SELOW ERROR TO THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET H															
THE REPAIR NUMBER OF THE POODE SELOW ERROR TO THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET H															
THE REPAIR NUMBER OF THE POODE SELOW ERROR TO THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET HE SHEET WORK OF THE SHEET H															
THE INTERMENTAL PROPERTY OF THE SPREET HOUSE OF THE COORE SELOW PERS TO THE SPREET HOUSE OF THE COORE SELOW PROVIDED TO THE SPREET HOUSE OF THE SP															
THE REPORT NUMBER OF THE FOODE' BELOW FERRS TO THE SHEET HOO OR THE SHEET															7. SEE QUANTITY TABULATION PAVEM MARKINGS FOR ADDITIONAL REMOVIE
THE REPORT NUMBER OF THE FOODE' BELOW FERRS TO THE SHEET HOO OR THE SHEET															DETECTABLE WARNING SURFACE .
THE EFRIST NUMBER OF THE 'CODE' BELOW FERRIS TO THE SHEET NO OR THE SHEET NO O															
THE ERIST NUMBER OF THE "CODE" BELOW FERS TO THE SHEET NO. OR THE SHEET NO															
TOTE:    EFRIST NUMBER OF THE "CODE" BELOW   FERR TO THE SHEET NO OR THE SHEET	10 SR 99 / S IDAHO ST -	SW CORNER		25		35			1	35	36		5	2,3,5,6,7	
EFIRST NUMBER OF THE 'CODE' BELOW FERS TO THE SHEET IN MIRE OF THE SHEET	SR 99 / S IDAHO ST -	SE CORNER		23	20				2				14	1,2,3,5,6,7	FARALLEL A Q D .
TE: ERIST NUMBER OF THE 'CODE' BELOW FERS TO THE SHEET NO. OR THE SHEET NO	8 SR 99 / DIAGONAL AV	E S - SW CORNER		22		71	14			71	38	30	5	2,3,4,6,7	"CEMENT CONC. CURB RAMP TYPE
DTE:   Iteration   Iteratio	SR 99 / DIAGONAL AV	ES-SECORNER		15	21		10		2	1	20		9	1,2,3,5,7	4. SEE STANDARD PLAN F-40.12 FOR
DITE   INCREMENT OF THE   CODE* BELOW   SERIES TO THE SHEET NUMBER OF THE "CODE* BELOW   SERIES TO THE SHEET NO. OR THE SHE	R6 SR 99 / S ALASKA ST	MIDBLOCK - WEST												6,7	
Difference   Dif	R5 SR 99 / S ALASKA ST	MIDBLOCK - CENTER					15						15	2,3,6,7	
DIE:				6		9	11			9			9		"CEMENT CONC. TRAFFIC CURB" AND
DIE:  ISE FIRST NUMBER OF THE "CODE" BELOW  SFERS TO THE SHEET NO. OR THE SHEET  SFERENCE NO. SHOWING THE  SIDESTRUCTION FEATURE.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE SECOND NUMBER REFERS TO THE  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE STANDARD PLAN F-10.12 AND 1  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE STANDARD PLAN F-10.12 AND 1  SIDESTRUCTION FEATURE FOUND ON THAT  HEET.  ISE STANDARD PLAN F-10.12 AND 1  10.16 FOR "CEMENT CONC. TRAFFIC CO			,	13		13	20			43			10		
DTE: HE FIRST NUMBER OF THE "CODE" BELOW EFERS TO THE SHEET NO. OR THE SHEET EFERENCE NO. SHOWING THE DISTRICTION FEATURE.  HE SECOND NUMBER REFERS TO THE DISTRICTION FEATURE FOUND ON THAT HEET.  HE SECOND NUMBER REFERS TO THE DISTRICTION FEATURE FOUND ON THAT HEET.  DEE LOCATION Y \ UNIT OF MEASURE > S.Y. S.Y. L.F. L.F. S.Y. C.Y. L.F. L.F. L.F. S.Y.  1. SEE STANDARD PLAN F-10.12 AND			· ·	13			20						-		10.16 FOR "CEMENT CONC. TRAFFIC C
STE:  CEREAL NOTE:  CEMENT CONC. PEDESTRIAN  CEMENT CONC. SIDEWALK  CORRESPOND GENERAL CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE CONC.  CONC. DEGREE C				S.Y.	L.F.	L.F.	S.Y.		C.Y. L.		L.F.	L.F.			1. SEE STANDARD PLAN F-10.12 AND F
	EFERS TO THE SHEET NO EFERENCE NO. SHOWING ONSTRUCTION FEATURE HE SECOND NUMBER REI ONSTRUCTION FEATURE HEET.	OR THE SHEET THE ERS TO THE FOUND ON THAT		REMOVING CEMENT SIDEWALK		CEMENT	REMOVING ASPHALT PAVEMENT		GRAVEL BORROW INCL. I CEMENT CONC. TRAFFIC	AND GUITER CEMENT CONC. TRAFFIC	CONC.	PAINTING	CEMENT CONC. SI	EE GENERAL	

GION ADM.	M. COTTEN DATE DATE		VISION	BY	CONTRA	CT NO.						QU	ANTITY TABULATION - CURB RAMPS
OJ. ENGR.	C. ANDERSON C. ANDERSON				JOB NUI 21A0	23							PAVING & ADA COMPLIANCE
SIGNED BY					10	WASH	I LD. AID	I NOJ. NO.					SR 99 MISH RIVER TO S SPOKANE ST VIC
	PROJECT TOTAL	6	7	1	REGION NO.	93 STATE	1 FED. AID	PROJ NO					
	SHEET TOTAL	6	7	1		93	1						
				1	+ +				+				
													CEMENT CONC. CURB QUANTITIES.
													7. SEE QUANTITY TABULATION PAVE MARKINGS FOR ADDITIONAL REMO
													7 SEE OHANTITY TARIH ATION DAVI
													"DETECTABLE WARNING SURFACE".
													l 6. SEE STANDARD PLAN F-45.10 FOR
													PERPENDICULAR A".
													"CEMENT CONC. CURB RAMP TYPE
10   SK 99 / S	S IDAHO ST - SW CORNER		2									2,3,5,6,7	5. SEE STANDARD PLAN F-40.15 FOR
			·										PARALLEL A & B".
	S IDAHO ST - SE CORNER		1									1,2,3,5,6,7	"CEMENT CONC. CURB RAMP TYPE
8 SR 99 / I	DIAGONAL AVE S - SW CORNER	4		1	+							2,3,4,6,7	4. SEE STANDARD PLAN F-40.12 FOR
R7 SR 99 / I	DIAGONAL AVE S - SE CORNER	2	1				1					1,2,3,5,7	"CEMENT CONC. SIDEWALK".
R6 SR 99 / S	S ALASKA ST MIDBLOCK - WEST					20						6,7	3. SEE STANDARD PLAN F-30.10 FOR
R5 SR 99 / S	S ALASKA ST MIDBLOCK - CENTER					47						2,3,6,7	SEMENT SONG, I EDESTRIAN CORD
R4   SR 99 / S	S ALASKA ST MIDBLOCK - EAST		1									2,3,5,6,7	"CEMENT CONC. TRAFFIC CURB" AN "CEMENT CONC. PEDESTRIAN CURB
	S HUDSON ST - NW CORNER					16						6,7	2. SEE STANDARD PLAN F-10.12 FOR
						46							
	S HUDSON ST - NE CORNER		2									2,3,6,7	10.16 FOR "CEMENT CONC. TRAFFIC AND GUTTER".
R1 SR 99 / S	S LUCILE ST - NE CORNER					10						2,3,6,7	1. SEE STANDARD PLAN F-10.12 AND
DE LOC	ATION ∀ \ UNIT OF MEASURE >	₹ S.Y.	□ EACH	EACH		S.F.	₹ EACH					<u> </u>	
EFERENCE N DNSTRUCTION HE SECOND	JMBER OF THE "CODE" BELOW THE SHEET NO. OR THE SHEET NO. SHOWING THE ON FEATURE.  NUMBER REFERS TO THE ON FEATURE FOUND ON THAT	SPHALT CONC. SIDEWALK	CEMENT CONC. CURB RAMP	CEMENT CONC. CURB RAMP TYPE PARALLEL B		DETECTABLE WARNING SURFACE	DJUST VALVE BOX					SEE GENERAL NOTES	
	IMPED OF THE "CODE" BELOW	국	≝	≝									
													GENERAL NOTES:





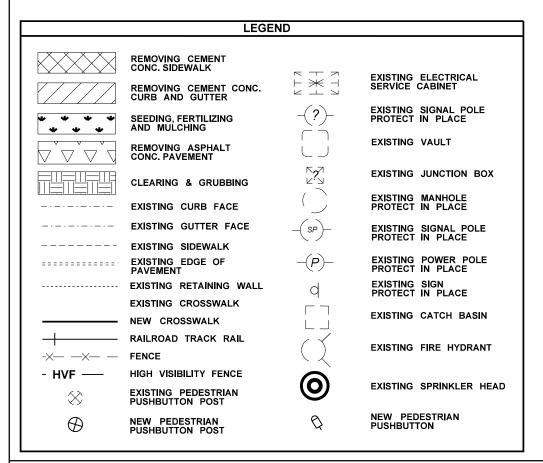


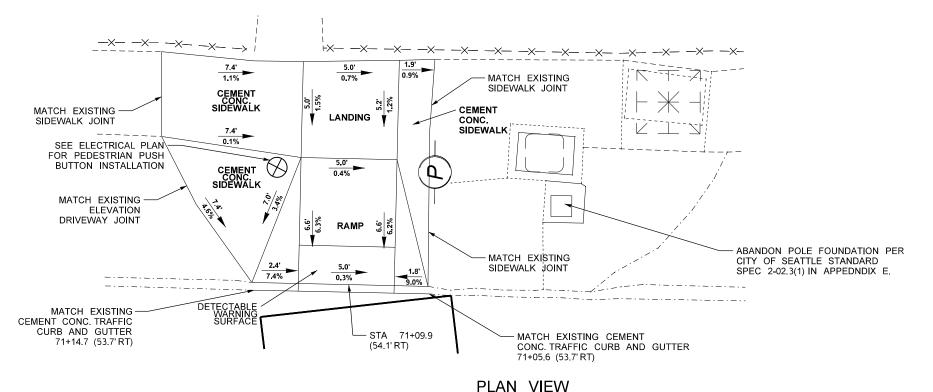




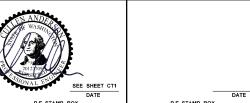
E SIDE OF MIDBLOCK CROSSING ON SR 99 SOUTH OF S ALASKA ST







FILE NAME	T \412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_33CR.dgn					
TIME	5:28:11 PM				REGION STATE	FED.AID PROJ.NO.	EN ANDER
DATE	3/21/2022				10 WASH		Ja WASHIN CO
PLOTTED BY	musma				IU WASH		
DESIGNED BY	M. MUS				JOB NUMBER		
ENTERED BY	M. MUS				21A023		20127109
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.	SONAL EST
PROJ. ENGR.	C. ANDERSON						SEE SHEET CT1  DATE
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX

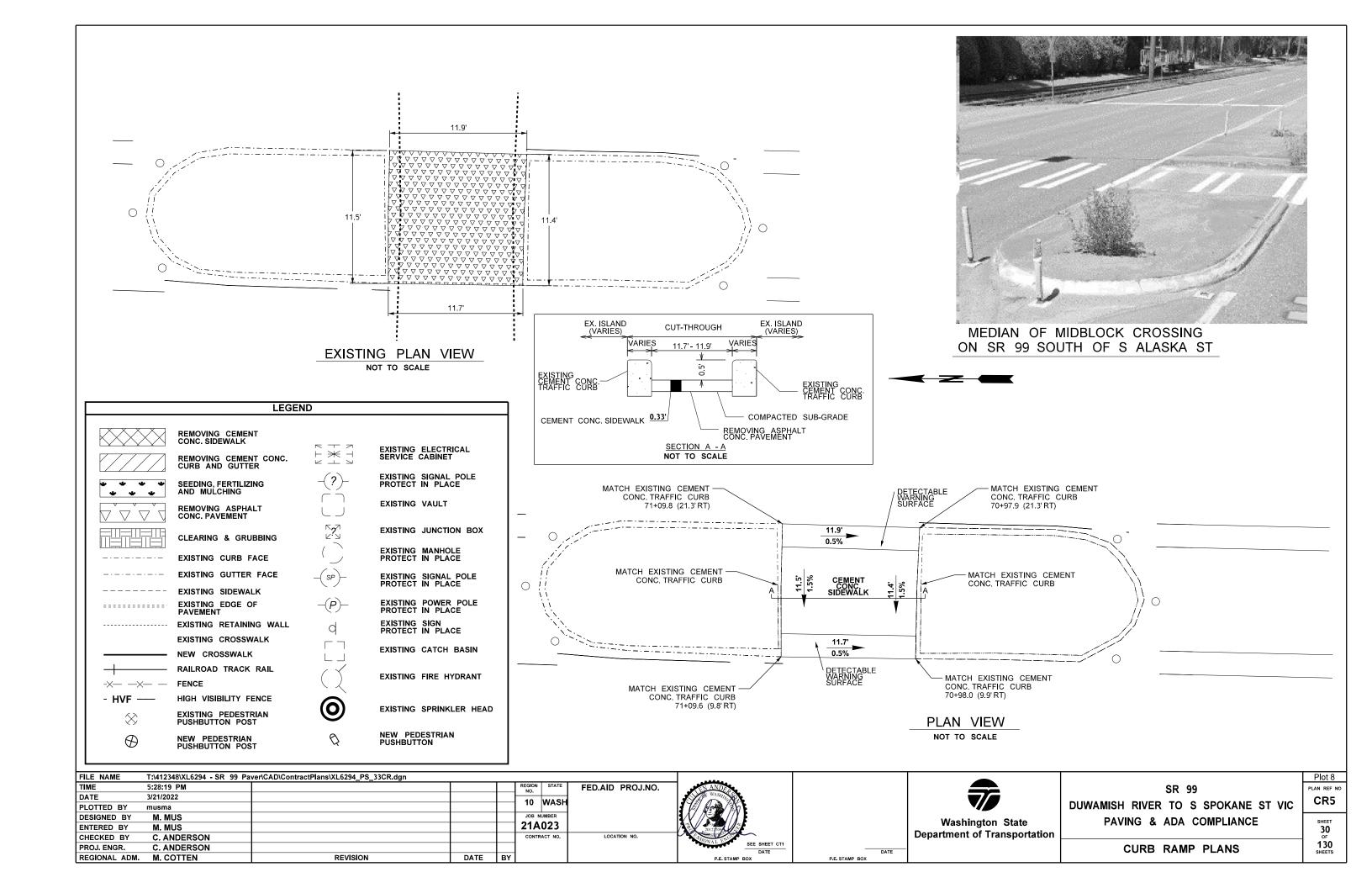


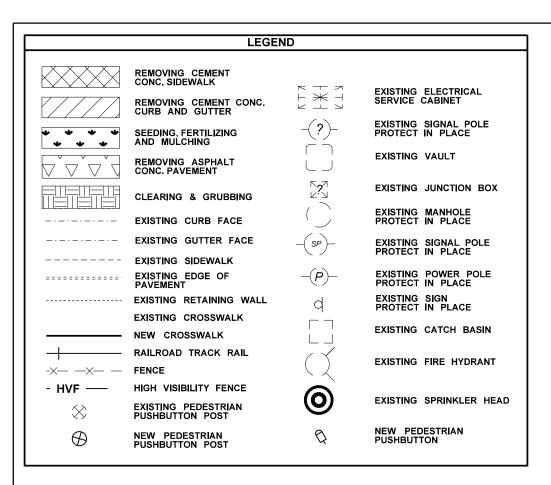
<b>7</b>	
Washington State Department of Transportation	

NOT TO SCALE

	Plot 14
SR 99	PLAN REF NO
DUWAMISH RIVER TO S SPOKANE ST VIC	CR4
PAVING & ADA COMPLIANCE	SHEET <b>29</b> OF
CURB RAMP PLANS	130 SHEETS

29 OF 130 SHEETS

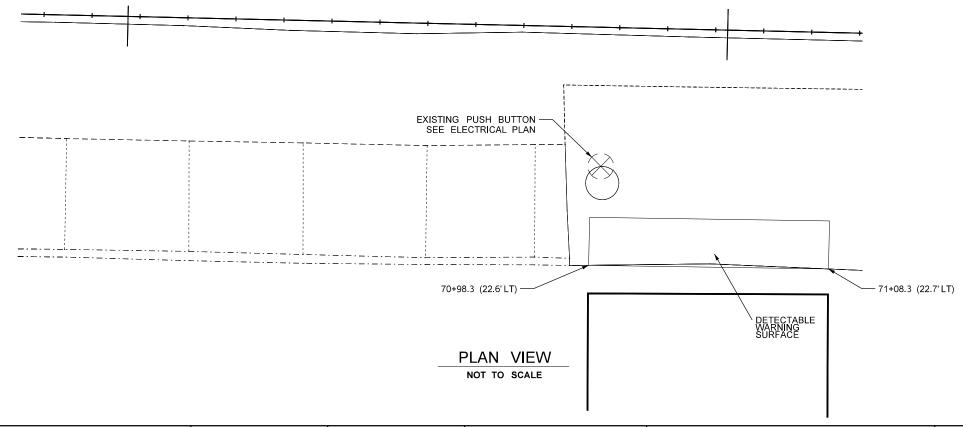




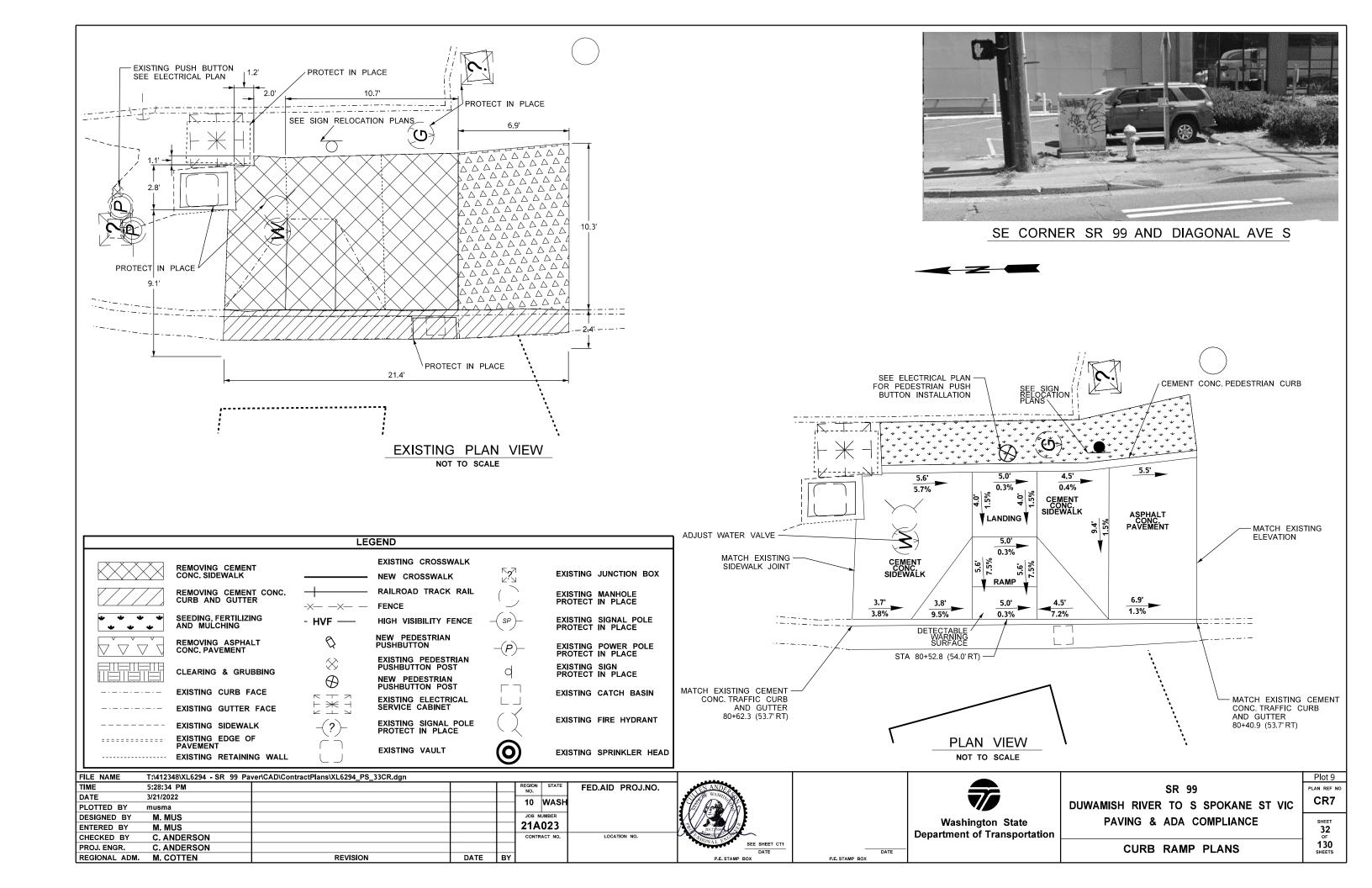


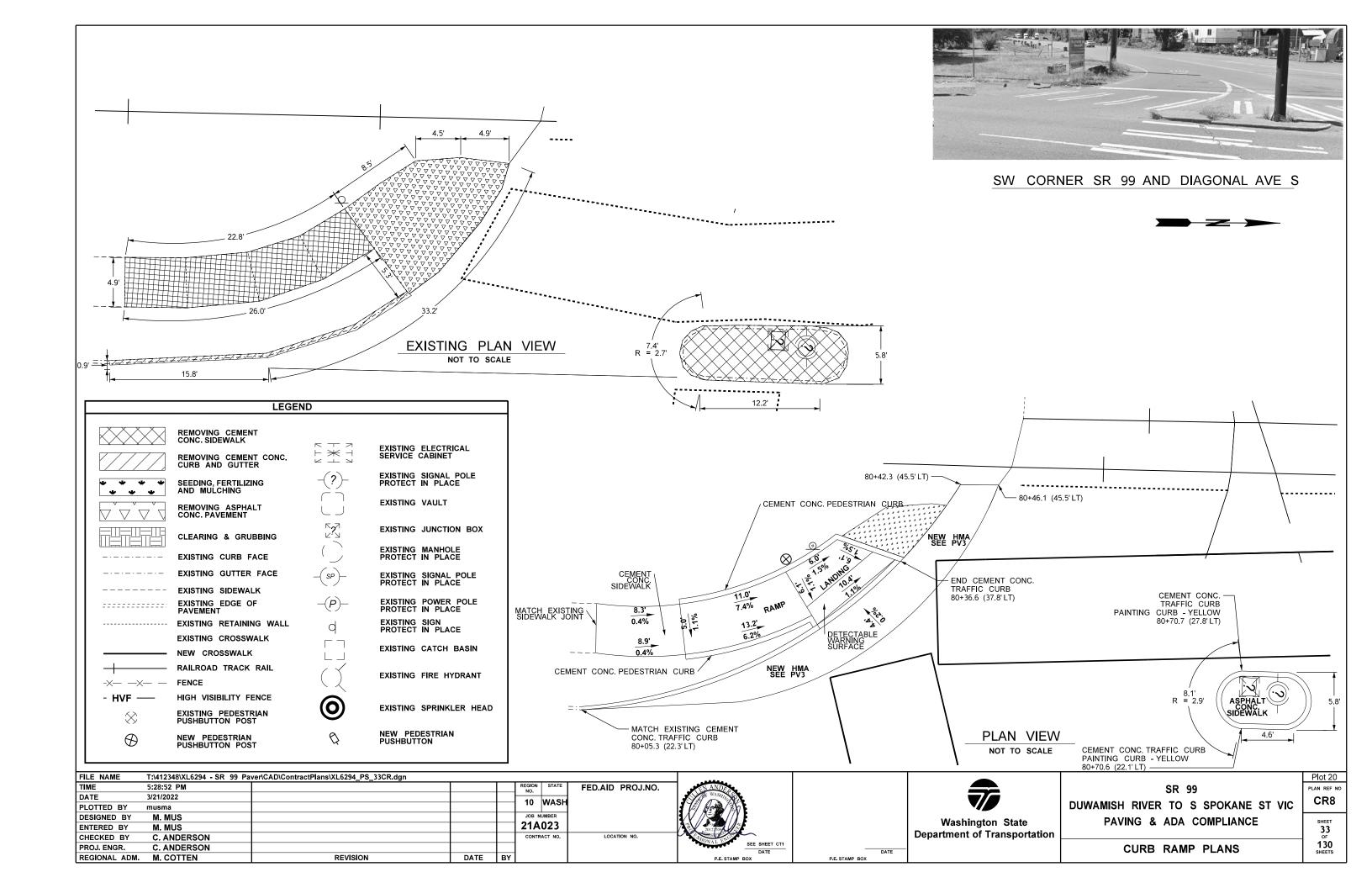
W SIDE OF MIDBLOCK CROSSING ON SR 99 SOUTH OF S ALASKA ST

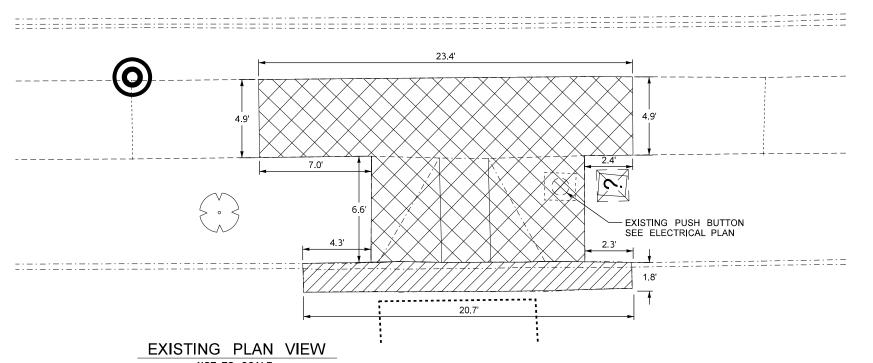




FILE NAME	T:\412348\XL6294 - SR 99 P	aver\CAD\ContractPlans\XL6294_PS_33CR.dgn	•		•	-					Plot 7
TIME	5:28:27 PM				REGION STATE	FED.AID PROJ.NO.	EN ANDEA			SR 99	PLAN REF NO
DATE	3/21/2022				10 WASH		Jage WASHINGS				CR6
PLOTTED BY	musma				IU WASH		16/16/20			DUWAMISH RIVER TO S SPOKANE ST VIC	0110
DESIGNED BY	M. MUS				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	M. MUS				21A023		20122709				31
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.	STONAL ESTA		Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON						SEE SHEET CT1  DATE	DATE		CURB RAMP PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			J. SILLETS



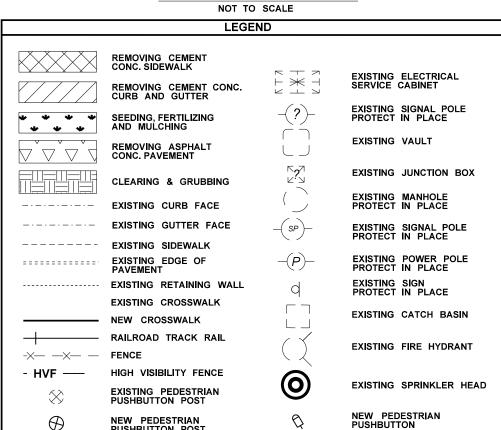




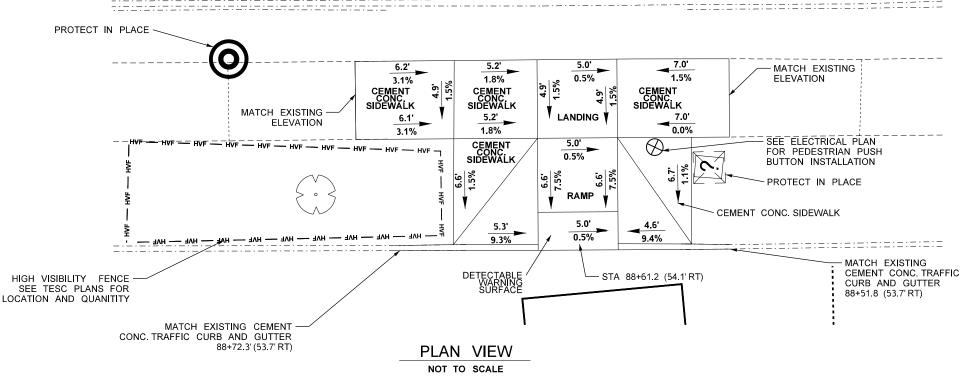


SE CORNER SR 99 AND S IDAHO ST





NEW PEDESTRIAN PUSHBUTTON POST



DATE

T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_33CR.dgn FILE NAME TIME 5:29:02 PM FED.AID PROJ.NO. DATE 3/21/2022 10 WASH PLOTTED BY musma JOB NUMBER DESIGNED BY M. MUS 21A023 ENTERED BY M. MUS CHECKED BY C. ANDERSON CONTRACT NO. LOCATION NO. PROJ. ENGR. C. ANDERSON DATE BY REGIONAL ADM. M. COTTEN REVISION





SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC **PAVING & ADA COMPLIANCE** 

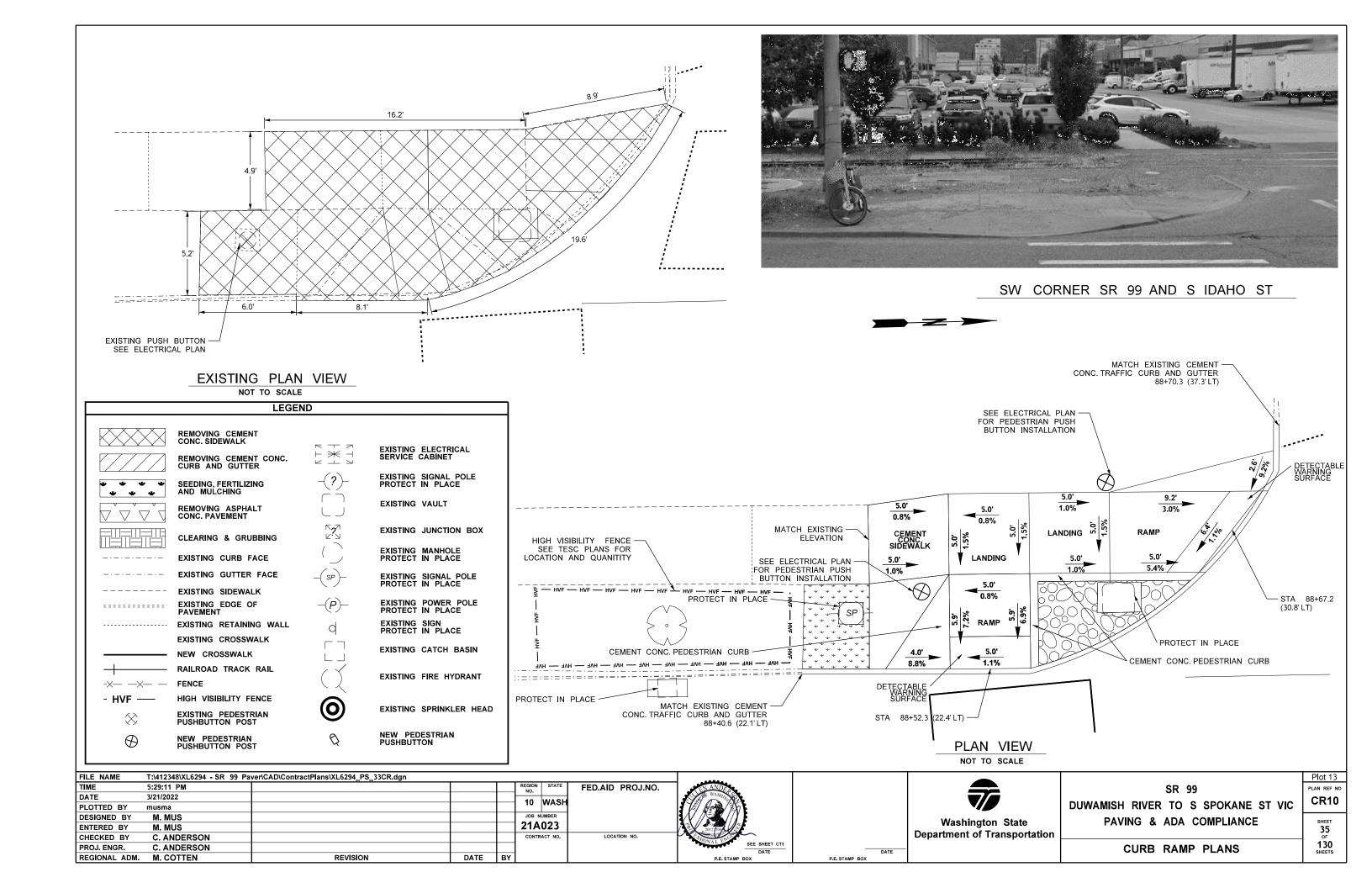
**CURB RAMP PLANS** 

34 130 SHEETS

Plot 12

PLAN REF NO

CR9



LE	GEND	
EXISTING	NEW	
[×]	$\boxtimes$	TYPE 1 JUNCTION BOX
		TYPE 2 JUNCTION BOX
		TYPE 3 JUNCTION BOX
[:]		TYPE 7 JUNCTION BOX
		TYPE 8 JUNCTION BOX
[PB]		PULL BOX
к Т л Н Ж Н к ⊥ л		CONTROLLER CABINET
× + × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1		ELECTRICAL SERVICE CABINET
£	$\otimes$	TYPE PS SIGNAL STANDARD
⊗	$\otimes$	PPB POST
-CI)	$\Box$	PED PUSHBUTTON ASSEMBLY
-#→	<del>-\\-</del>	PED HEAD W/TYPE D MOUNTING
r # <b>→</b>	<del>- " →</del>	PED HEAD W/TYPE E MOUNTING
L		VIDEO DETECTION CAMERA
	•	WIRELESS DETECTION UNIT
		VIDEO DETECTION ZONE
		CONDUIT
		SPAN WIRE
	$\langle \mathbf{x} \rangle$	POLE NOTE FLAG
	$\langle \mathbf{x} \rangle$	CONSTRUCTION NOTE FLAG
	×	WIRING NOTE FLAG
	<u> </u>	

#### **ABBREVIATIONS:**

ADA	AMERICANS WITH DISABILITY ACT	I/S	INTERSECTION	SP	SPARE	
AGG	AGGREGATE	ITS	INTELLIGENT TRANSPORTATION SYSTEM	SP	SPAN WIRE	
ASPH	ASPHALT	JB	JUNCTION BOX	SR	STATE ROUTE	
В	BLACK	MAX	MAXIMUM	ST	STREET	
С	COMMON/ CONDUCTORS	MIN	MINIMUM	STD	STANDARD	
CAB	CABINET	MNRL	MINERAL	STL	STEEL	
COMM	COMMUNICATION	N	NORTH	TB	TERMINAL BLOCK	
CONC	CONCRETE	N.T.S	NOT TO SCALE	TEMP	TEMPORARY	
C(S)	CONDUCTOR SHIELDED	0	ORANGE	TYP	TYPICAL	
DET.	DETECTOR	PDA	POWER DISTRIBUTION ASSEMBLY	V	VOLT	
DIA.	DIAMETER	PED	PEDESTRIAN	VDC	VIDEO DETECTION C.	AMERA
E.V.P	EMERGENCY VEHICLE PREEMPTION	PPB	PEDESTRIAN PUSHBUTTON	VEH	VEHICLE	
EX	EXISTING	PR	PAIR	VDZ	VIDEO DETECTION Z	ONE
G	GREEN	P/V	PEDESTRIAN/ VEHICLE	W	WHITE	
GALV	GALVANIZED	R	RED	W/	WITH	
ILL	ILLUMINATION	SH	SHIELDED	WB	WHITE/BLACK	
		SIG	SIGNAL	Υ	YELLOW	

#### **CONSTRUCTION NOTES:**

- 1 MAINTAIN AND PROTECT EXISTING PUSHBUTTON, DISPLAYS, POLE AND FOUNDATION.
- RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY ON NEW POLE PER STANDARD PLAN NO520, 521, 522A AND 522B. ORIENT PER CITY OF SEATTLE STANDARD ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF PEDESTRIAN LANDING.
- $\overline{\langle 3 \rangle}$  INSTALL PPB EXTENSION, PPB TO BE A MAXIMUM OF 10" FROM EDGE OF SIDE WALK.
- REMOVE 3 WIRELESS DETECTION DEVICES PER MANUFACTURER RECOMMENDATIONS, CITY OF SEATTLE STANDARD AND DETAIL SHEET ELD1. RETURN DEVICES TO CITY OF SEATTLE.
- BREAK EXISTING SPLICES. SPLICE NEW LOOP LEAD-INS TO EXISTING CONDUCTORS, REMOVE DISCONNECTED LOOP LEAD-INS FROM EXISTING STUBOUT(S). REMOVE EXISTING STUBOUT ELBOW(S) FROM JUNCTION BOX.
- INSTALL TYPE 3 LEFT TURN LANE LOOPS, INCLUDING CONDUIT STUB OUTS PER CITY OF SEATTLE STANDARD PLAN NO530.
- $\langle au 
  angle$  install type 3 system detection loops, including conduit stub outs per city of seattle standard plan no530.
- (8) MAINTAIN AND PROTECT EXISTING LOOP, LOOP WIRE, AND LEAD-INS.
- (9) RELOCATE EXISTING PEDESTRIAN DISPLAY, ORIENT TOWARD ASSOCIATED CROSSWALK PER CITY OF SEATTLE STANDARD PLAN.
- (10) INSTALL VIDEO DETECTION CAMERA PER CITY OF SEATTLE STANDARD PLAN XXXXXX
- INSTALL PUSH BUTTON STATION ASSEMBLY ON NEW POLE PER STANDARD PLAN NO520, 521, 522A AND 522B. ORIENT PER CITY OF SEATTLE STANDARD. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF PEDESTRIAN LANDING.
- INSTALL TWO PUSH BUTTON STATION ASSEMBLIES AND PEDESTRIAN SIGNAL DISPLAY ON NEW POLE PER STANDARD PLAN NO520, 521, 522A AND 522B. ORIENT PER CITY OF SEATTLE STANDARD ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF PEDESTRIAN LANDING.
- (13) INSTALL 3 INCH SCHEDULE 80 PVC CONDUIT. ROUT TO EXISTING JUNCTION BOX.

NEW PEDESTRIAN PUSHBUTTON POST SCHEDULE											
POLE	#	STATION	OFFSET (FT)								
1		63+16.47	67.4 (RT)								
2		71+13.64	60.09(RT)								
3		80+52.55	64.29(RT)								
4		80+25.23	37.73(LT)								
5		88+56.34	60.12(RT)								
6		88+48.06	27.16(LT)								
7		88+48.06	33.85(LT)								

FILE NAME	C:\Users\ZacharC\Desktop\XL6	инга.						
TIME	3:55:26 PM				REGION NO.	STATE	FED.AID PROJ.NO.	NAME TO DO
DATE	3/21/2022					WASH		LEGE OF THE STATE
PLOTTED BY	ZacharC				10	WASH		1 DONATE OF THE POPULATION OF
DESIGNED BY	C. ZACHARIAS				JOB NUMBER		-	
ENTERED BY	C.ZACHARIAS							31740 0
CHECKED BY	D.DO				CONTR	ACT NO.	LOCATION NO.	OSTONAL ENG
PROJ. ENGR.	C. ANDERSON							SEE SHEET DATE
REGIONAL ADM.	M COTTEN	REVISION	DATE	BY				DE STAMP POY





SR 99 DUWAMISH RIVER TO S SPOKANE ST **PAVING & ADA** 

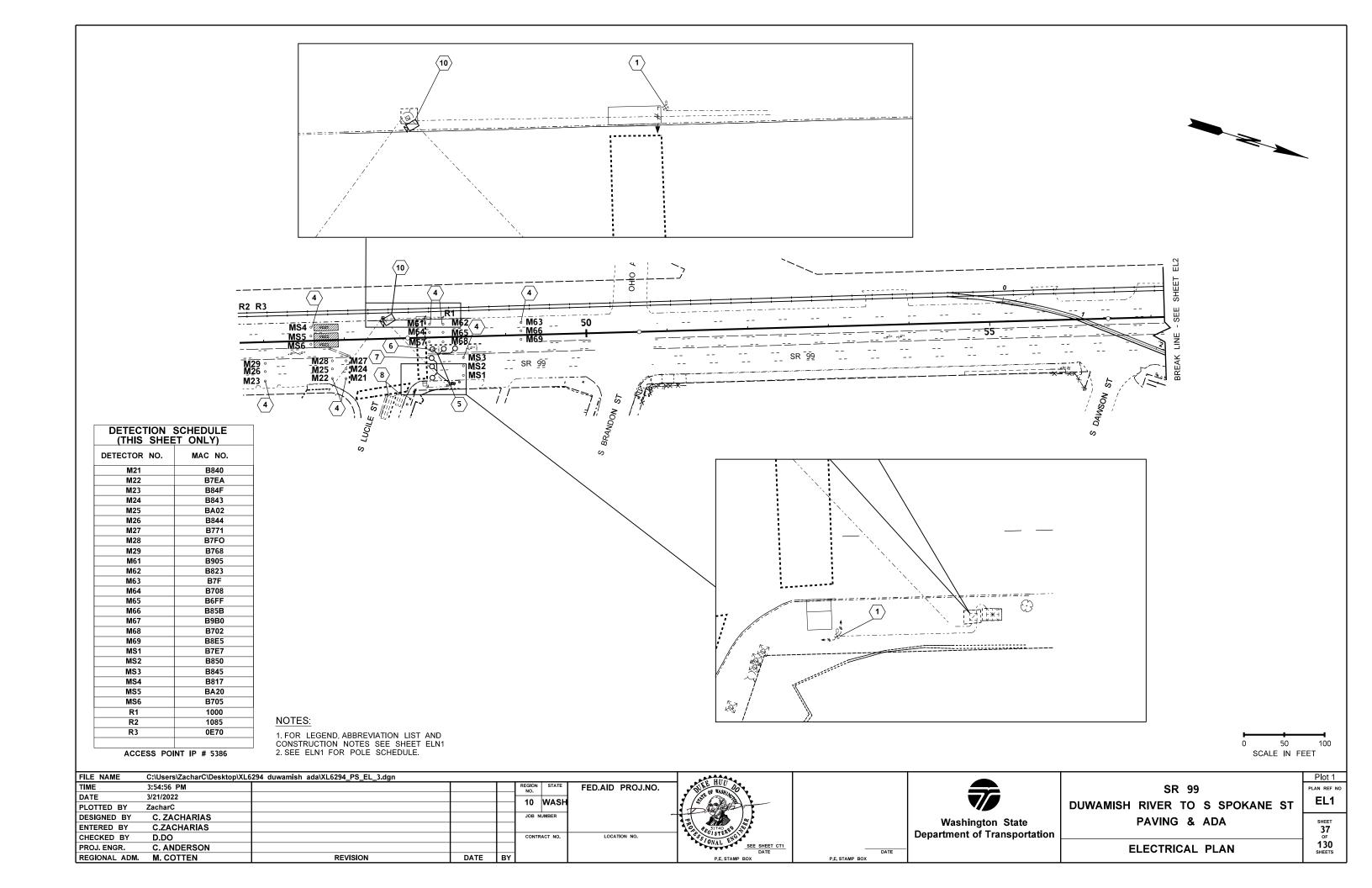
130 SHEETS

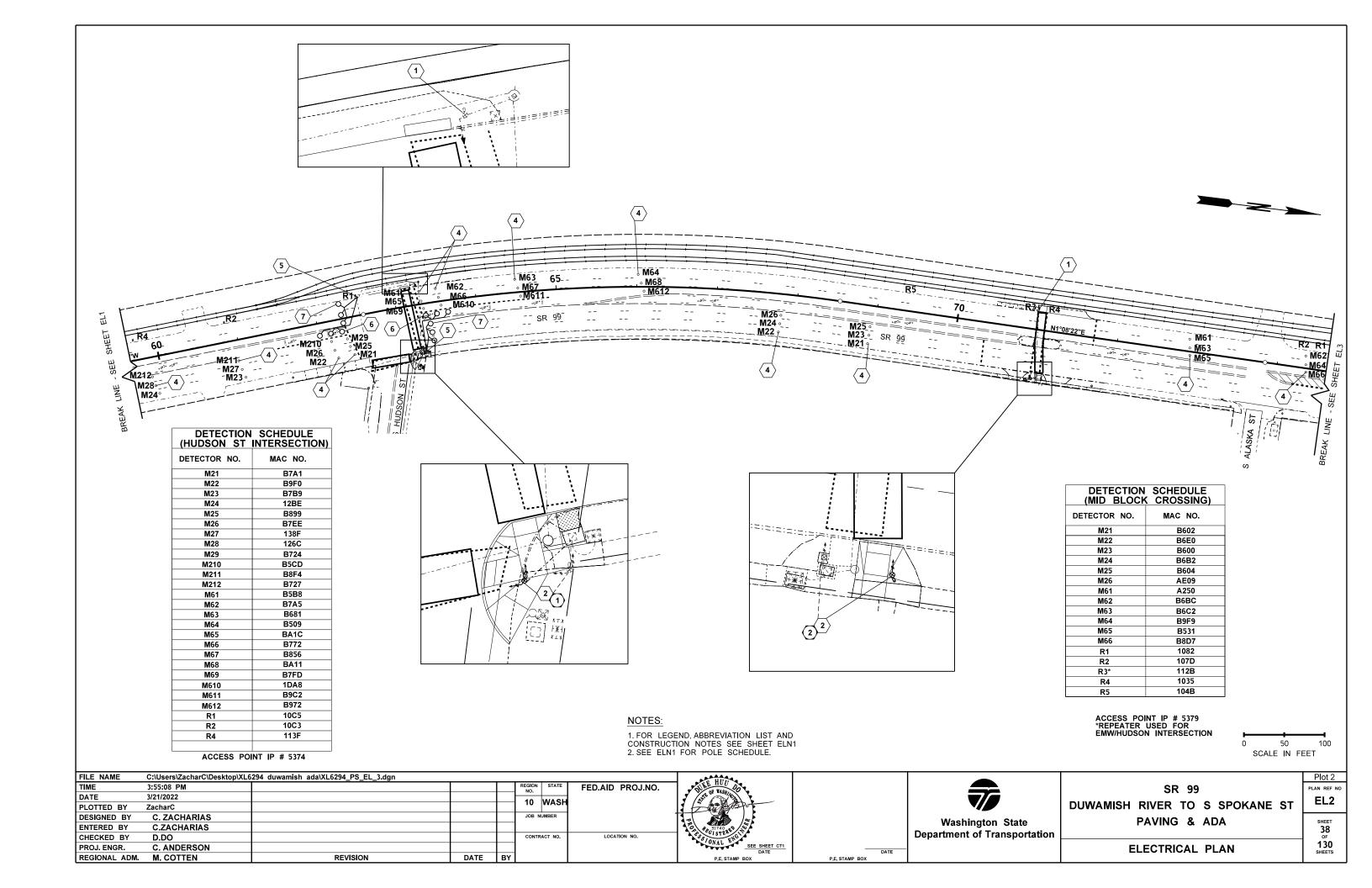
Plot 4

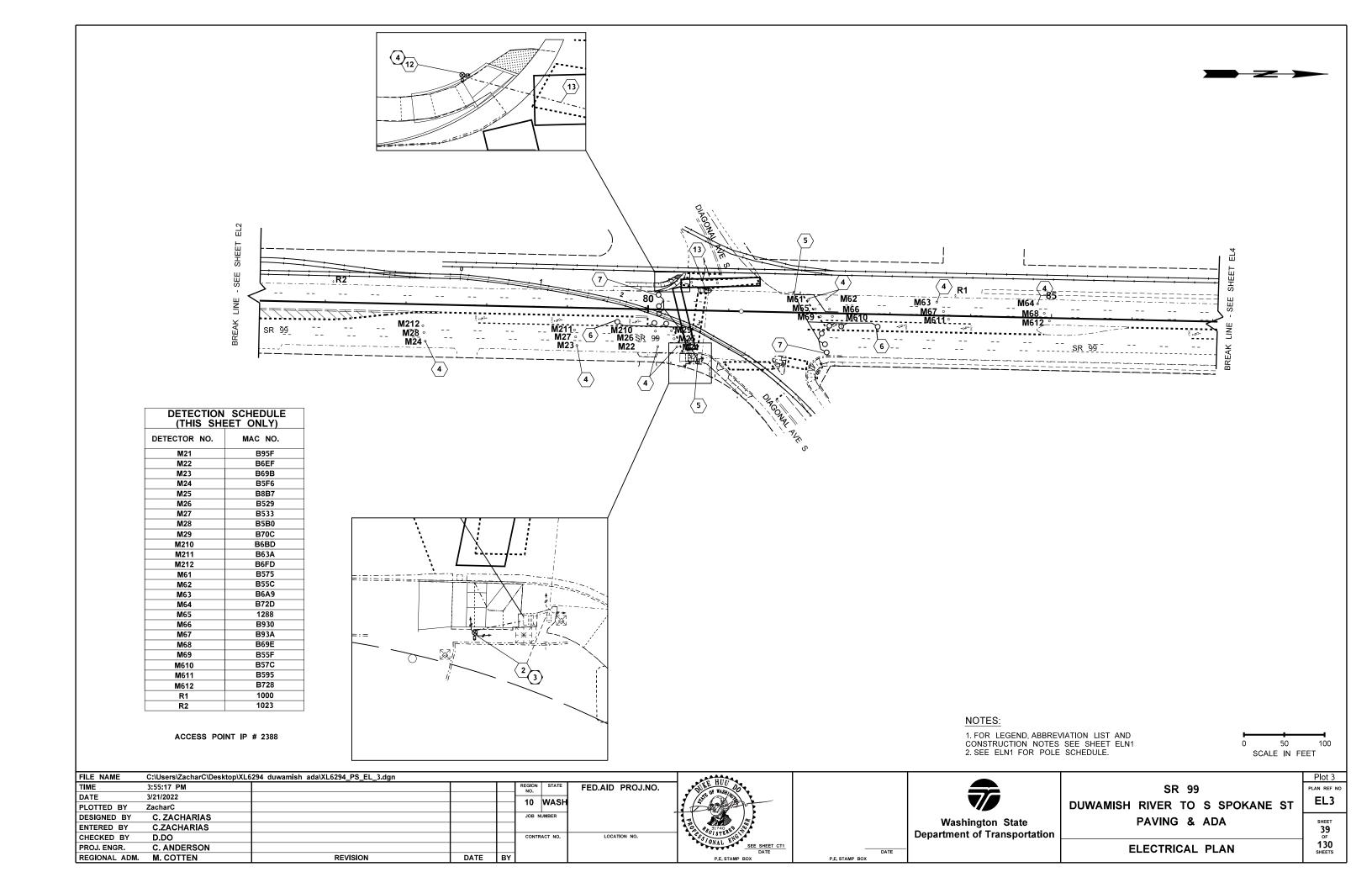
PLAN REF NO ELN1

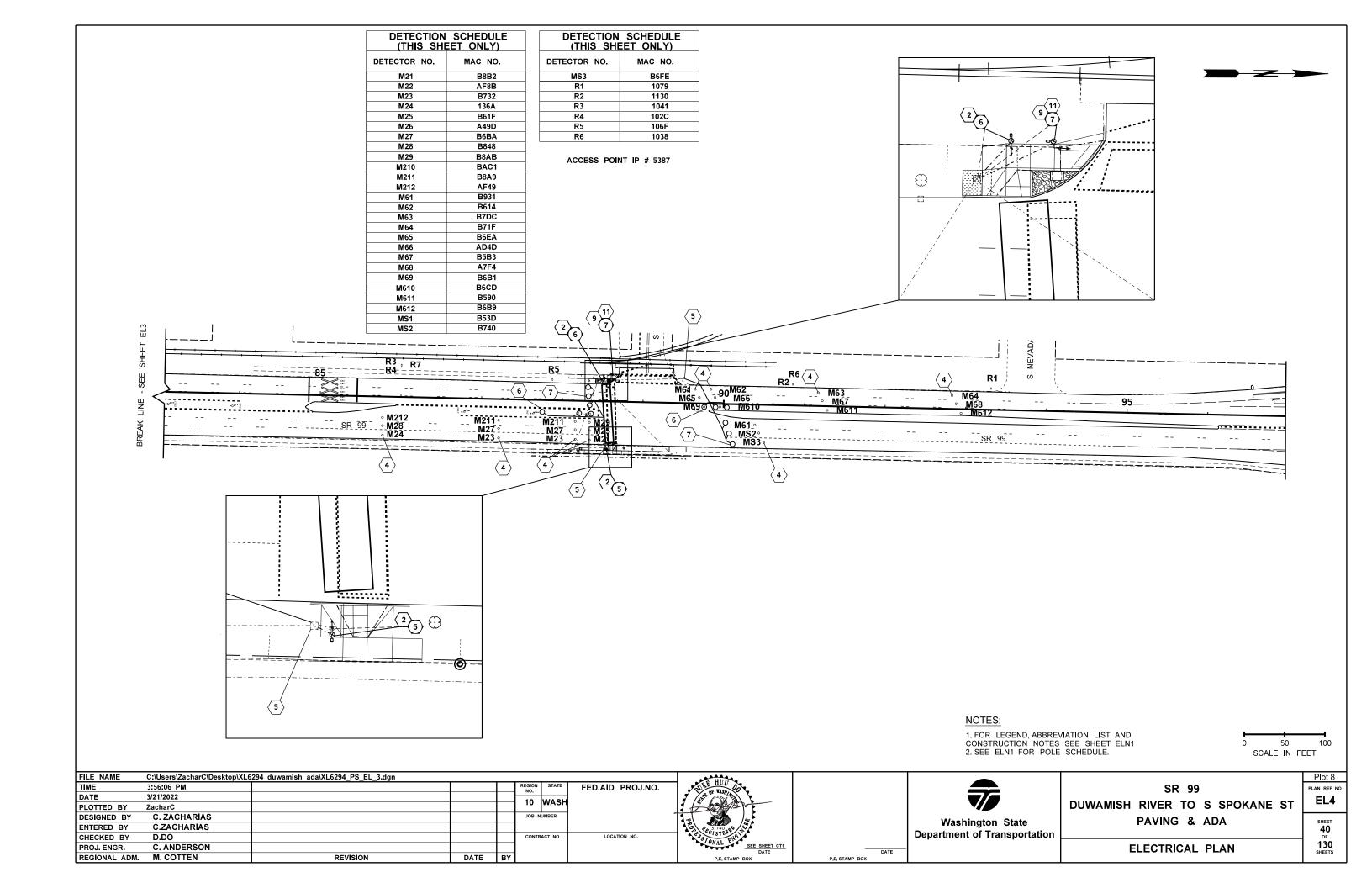
36

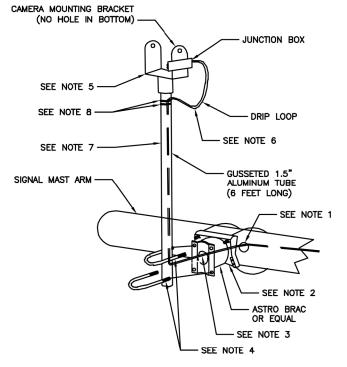
**ELECTRICAL PLAN** DATE











# NOTES:

- THE CONTRACTOR MUST DRILL A 1" HOLE IN THE BACK SIDE OF THE SIGNAL MAST ARM, & PUT A RUBBER GROMMET IN HOLE. VERIFY MOUNTING LOCATION WITH ENGINEER PRIOR TO DRILLING.
- 2. THE ASTRO BRACKET MUST BE INSTALLED OVER THE 1" HOLE.
- VIDEO CABLE MUST BE PULLED THROUGH THE SIGNAL MAST ARM THROUGH THE 1" HOLE AND THROUGH THE ASTRO BRACKET.
- 4. BOLT 1.5" GUSSETED TUBE TO ASTRO BRACKET.
- 5. ATTACH VIDEO CAMERA MOUNTING BRACKET TO THE TOP OF THE GUSSETED TUBE.
- ROUTE VIDEO CABLE IN GUSSET TO THE INSIDE OF TUBE, UP THE TUBE EXITING TUBE AT TOP OF GUSSET AND CONNECT TO VIDEO JUNCTION BOX LEAVING A DRIP LOOP IN CABLE.
- INSTALL VINYL INSERT IN GUSSET, LEAVING NO MORE THAN A 1" GAP AT THE TOP FOR CABLE TO EXIT THE TUBE.
- 8. INSTALL 2 BLACK WEATHER RATED WIRE TIES AROUND TUBE WHERE CABLES EXIT AT THE TOP OF THE VINYL INSERT.
- 9. ALL MATERIAL AND INSTALLATION MUST BE PER MANUFACTURER'S RECOMMENDATION

VIDEO DETECTION CAMERA MOUNTING DETAIL

FIELD TERMINATION DIAGRAM

LEGEND SYMBOL



DATE

TO CONTROLL

VD-X 1-VIDEO

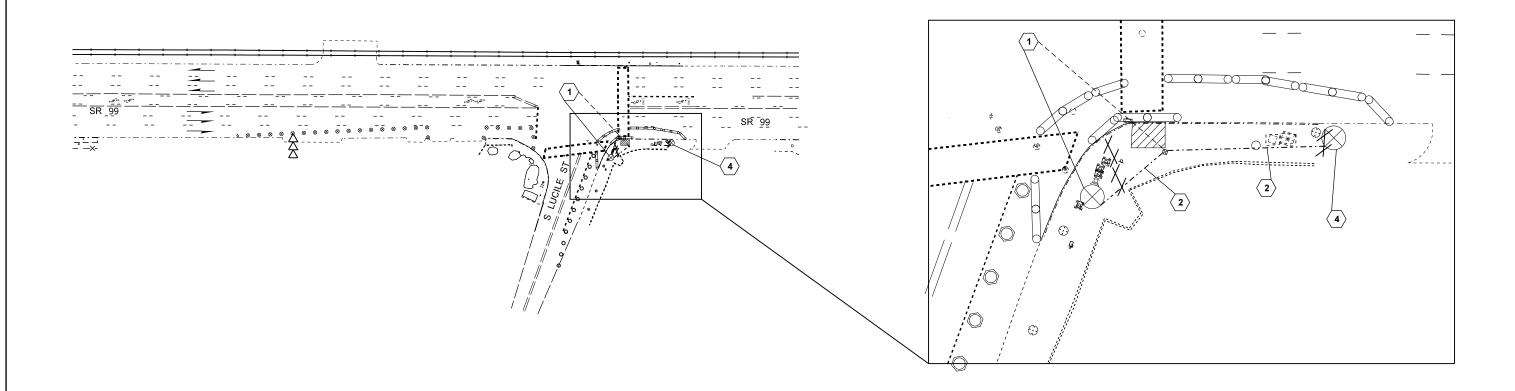
FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn					
TIME	3:55:35 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	ZacharC				10	WASH	
DESIGNED BY	CITY OF SEATTLE				JOB N	UMBER	
ENTERED BY	C.ZACHARIAS						•
CHECKED BY	D.DO				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			





SR 99	Plot 5
DUWAMISH RIVER TO S SPOKANE ST PAVING & ADA	ELD1
ELECTRICAL DETAIL	41 of 130 sheets





# SR 99 S LUCILE ST

NORTHBOUND CLOSURE

NTS

- TELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- (2) ROUT TEMPORARY PEDESTRIAN CROSSING WIRING AERIALLY.
- $\bigcirc 3$  Install temporary timber pole with conduit riser and weather head in order to route temporary pedestrian crossing wiring into existing junction box.
- 4 INSTALL PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.

### NOTES

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4. LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						
TIME	3:29:01 PM				REGION NO.	STATE	FED.AID PROJ.NO.	7
DATE	3/22/2022					WASH		
PLOTTED BY	ZacharC				10	WASH		-   ;
DESIGNED BY	C. ZACHARIAS				JOB N	UMBER		T
ENTERED BY	C.ZACHARIAS							
CHECKED BY	D.DO				CONTR	ACT NO.	LOCATION NO.	٦
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM	M COTTEN	REVISION	DATE	RY				





**LEGEND** 

FLAGGER

TEMPORARY SIGN LOCATION

SEQUENTIAL ARROW SIGN

UNIFORMED POLICE OFFICER

TEMPORARY CURB RAMP
NEW TEMPORARY TIMBER POLE

TYPE 2 BARRICADE

TALL CHANNELIZATION DEVICE

PEDESTRIAN CHANNELIZING DEVICE

TEMPORARY PEDESTRIAN PUSH BUTTON

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

# TEMPORARY ELECTRICAL SR 99

DUWAMISH RIVER TO S SPOKANE ST PAVING & ADA

**ELECTRICAL PLAN** 

SHEET 42 OF 130 SHEETS

N

0

+++

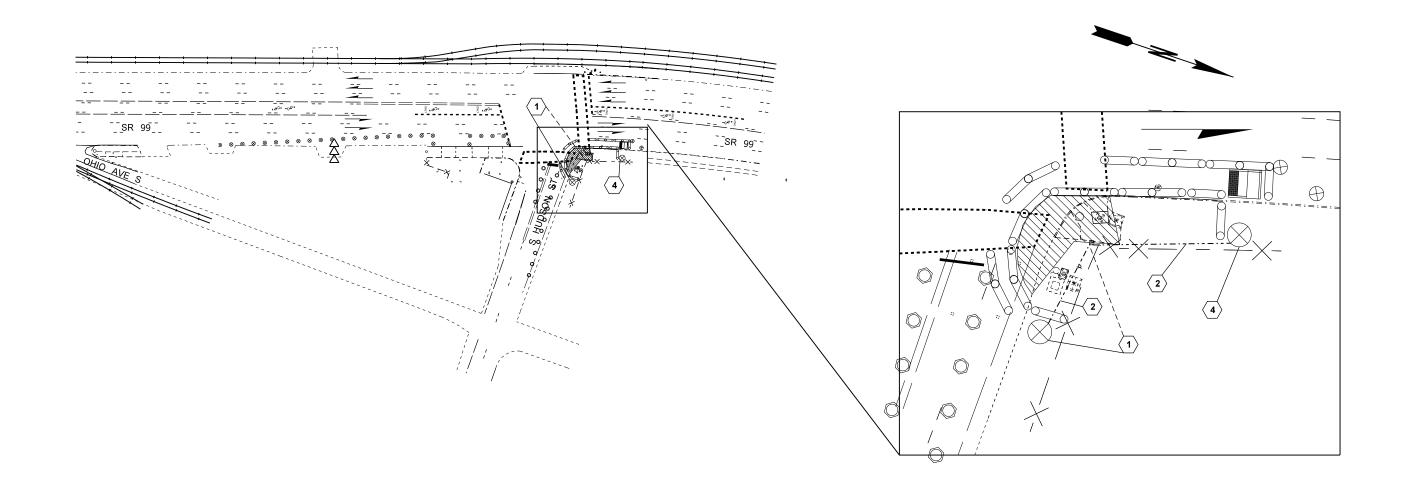
UPO

 $\Box$ 

Plot 11

TEL1

Departm



# SR 99 S HUDSON ST

NORTHBOUND CLOSURE

N.T.S

- TENSIVE PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- igg(2igg) rout temporary pedestrian crossing wiring aerially.
- $\begin{array}{c} \boxed{3} \\ \hline \text{INSTALL TEMPORARY TIMBER POLE WITH CONDUIT RISER AND WEATHER HEAD IN ORDER TO ROUTE TEMPORARY PEDESTRIAN CROSSING WIRING INTO EXISTING JUNCTION BOX.} \\ \end{array}$
- 1 INSTALL PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.

# NOTES:

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4 LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						
TIME	3:29:21 PM				REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	3/22/2022					WASH		- ₹
PLOTTED BY	ZacharC				יי ן	WASH		11
DESIGNED BY	C. ZACHARIAS				JOB N	UMBER		T1
ENTERED BY	C.ZACHARIAS							1
CHECKED BY	D.DO				CONTR	ACT NO.	LOCATION NO.	1
PROJ. ENGR.	C. ANDERSON				1			
DECIONAL ADM	M COTTEN	PEVISION	DATE	DV	1			





LEGEND

FLAGGER

TEMPORARY SIGN LOCATION

SEQUENTIAL ARROW SIGN

UNIFORMED POLICE OFFICER

TEMPORARY CURB RAMP

TYPE 2 BARRICADE

TALL CHANNELIZATION DEVICE

PEDESTRIAN CHANNELIZING DEVICE

TEMPORARY PEDESTRIAN PUSH BUTTON

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

# NEW TEMPORARY TIMBER POLE TEMPORARY ELECTRICAL

	SF	8 99	)		
DUWAMISH	RIVER	то	S	<b>SPOKANE</b>	S
	PAVING	<b>.</b>	ΑI	DA	

PAVING & ADA	SHEET 43 OF
ELECTRICAL PLAN	130 SHEETS

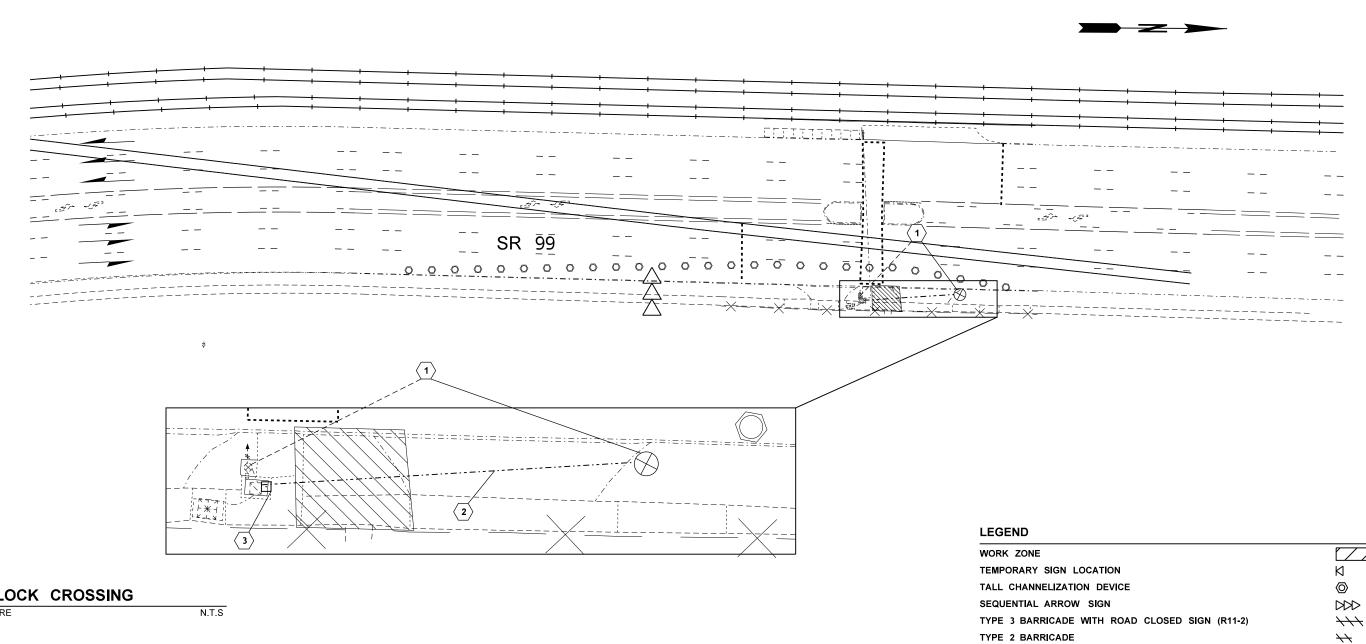
И

+++

UPO

Plot 12 PLAN REF NO TEL2

++



# SR 99 MIDBLOCK CROSSING

NORTHBOUND CLOSURE

- RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- (2) ROUT TEMPORARY PEDESTRIAN CROSSING WIRING AERIALLY.
- install temporary timber pole with conduit riser and weather head in order to route temporary pedestrian crossing wiring into existing junction box.

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4. LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						
TIME	3:29:31 PM				REGION NO.	STATE	FED.AID PROJ.NO.	l
DATE	3/22/2022					WASH		Ι÷
PLOTTED BY	ZacharC				יי ן	WASH		11
DESIGNED BY	C. ZACHARIAS				JOB N	IUMBER		1
ENTERED BY	C.ZACHARIAS				1			1
CHECKED BY	D.DO				CONTR	RACT NO.	LOCATION NO.	l
PROJ. ENGR.	C. ANDERSON				1			l
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1			





PEDESTRIAN CHANNELIZING DEVICE TEMPORARY PEDESTRIAN PUSH BUTTON

UNIFORMED POLICE OFFICER

TEMPORARY CURB RAMP NEW TEMPORARY TIMBER POLE

**FLAGGER** 

SR 99 DUWAMISH RIVER TO S SPOKANE ST **PAVING & ADA** 

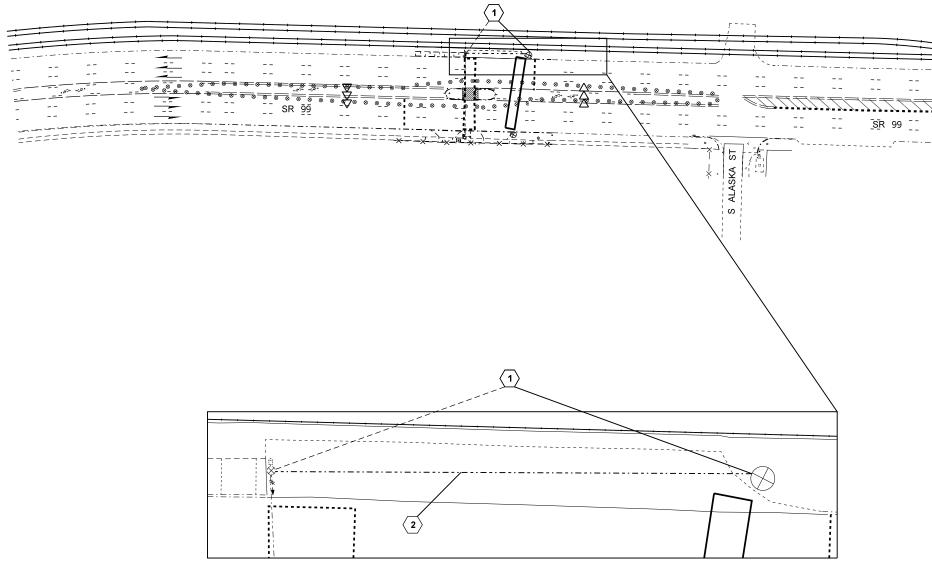
**ELECTRICAL PLAN** 

TEMPORARY ELECTRICAL

Plot 13 PLAN REF NO TEL3 130 SHEETS

(UPO)





# SR 99 MIDBLOCK CROSSING

SOUTHBOUND CLOSURE

N.T.S

1 RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.

igg(2igg) rout temporary pedestrian crossing wiring aerially.

# NOTES:

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4 LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						
TIME	3:29:43 PM				REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	3/22/2022					WASH		- 1,
PLOTTED BY	ZacharC				10	WASH		11
DESIGNED BY	C. ZACHARIAS				JOB N	UMBER		11
ENTERED BY	C.ZACHARIAS							-   '
CHECKED BY	D.DO				CONTR	ACT NO.	LOCATION NO.	
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM	M COTTEN	REVISION	DATE	RY				





DATE

WORK ZONE

FLAGGER

TEMPORARY SIGN LOCATION

TYPE 2 BARRICADE

TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN

PEDESTRIAN CHANNELIZING DEVICE
TEMPORARY PEDESTRIAN PUSH BUTTON

UNIFORMED POLICE OFFICER

TEMPORARY CURB RAMP

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

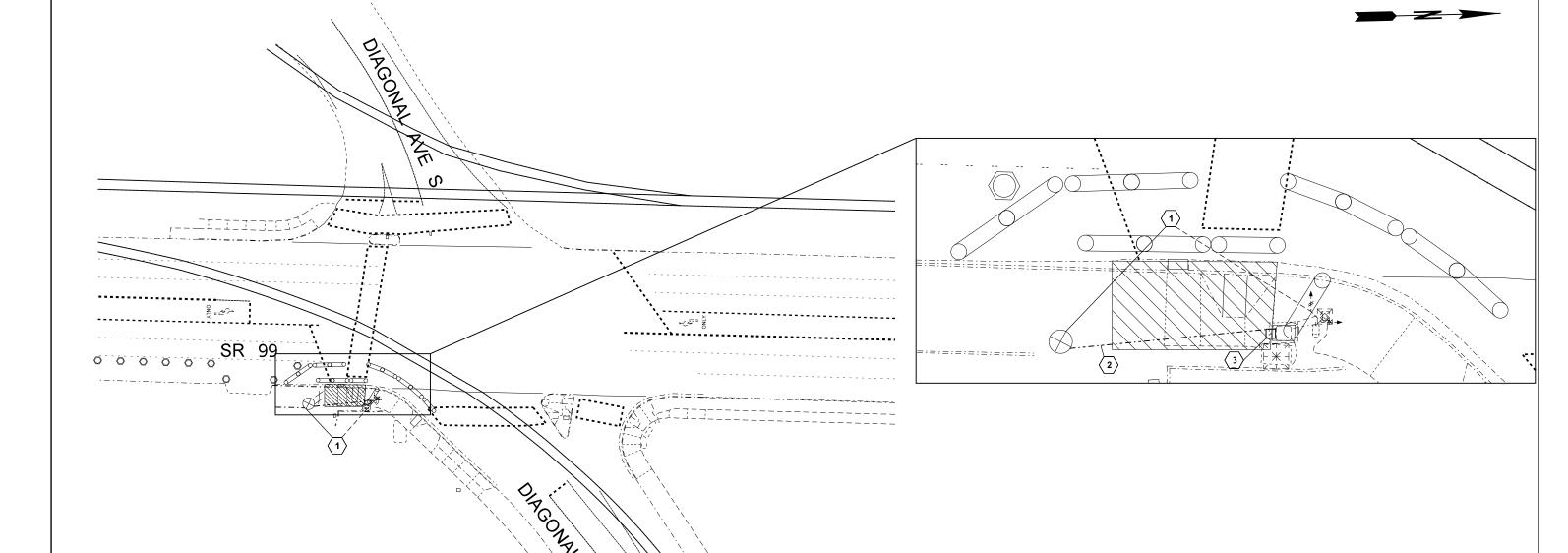
# TEMPORARY ELECTRICAL SR 99 DUWAMISH RIVER TO S SPOKANE ST PAVING & ADA

ELECTRICAL PLAN

Plot 14

PLAN REF NO

130 SHEETS



RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.

2 ROUT TEMPORARY PEDESTRIAN CROSSING WIRING AERIALLY.

install temporary timber pole with conduit riser and weather head in order to route temporary pedestrian crossing wiring into existing junction box.

# NOTES:

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4. LEGEND AND CONSTRUCTION NOTES THIS SHEET.

SR 99 DIAGONAL AVE S

NORTHBOUND CLOSURE

FILE NAME	C:\Users\ZacharC\Desktop\XL6	5294 duwamish ada\XL6294_PS_EL_3.dgn						
TIME	3:29:51 PM				REGION NO.	STATE	FED.AID PROJ.NO.	Τ.
DATE	3/22/2022					WASH		- ₹
PLOTTED BY	ZacharC				יי ן	WASH		1
DESIGNED BY	C. ZACHARIAS				JOB N	IUMBER		1
ENTERED BY	C.ZACHARIAS							1
CHECKED BY	D.DO				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1			





**LEGEND** 

WORK ZONE

TEMPORARY SIGN LOCATION

TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

PE 2 BARRIC	ADE	++
EDESTRIAN C	HANNELIZING DEVICE	00
EMPORARY PE	DESTRIAN PUSH BUTTON	$\otimes$
NIFORMED PO	LICE OFFICER	(UPO)
AGGER		
MPORARY C	JRB RAMP	Ш
EW TEMPORA	RY TIMBER POLE	<u></u>
	TEMPORARY ELECTRICAL	

SR 99
DUWAMISH RIVER TO S SPOKANE ST
PAVING & ADA

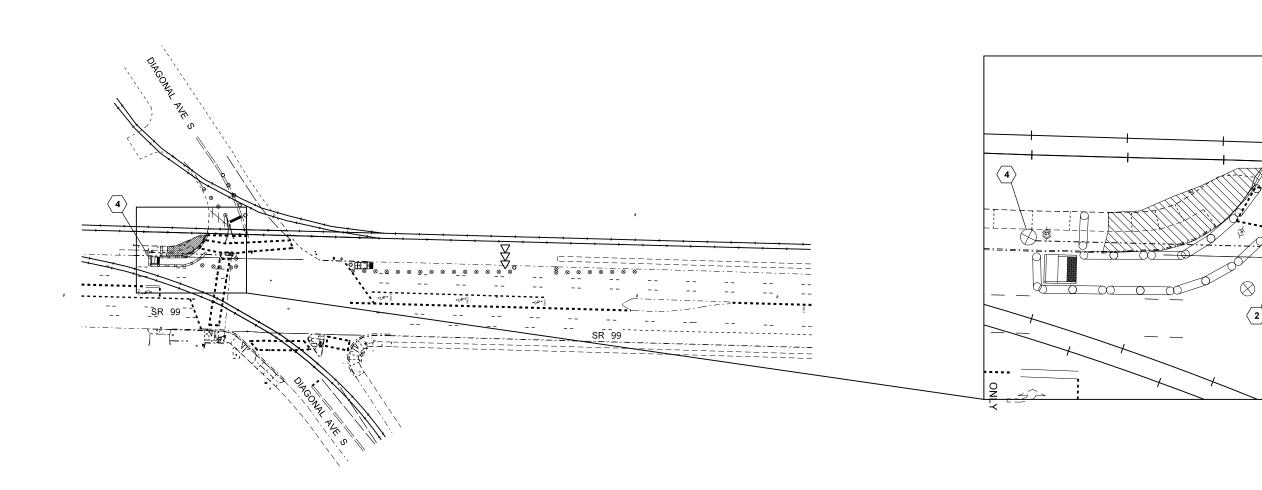
**ELECTRICAL PLAN** 

SHEET 46 OF 130 SHEETS

Plot 15

TEL5

N



# SR 99 DIAGONAL AVE S

SOUTHBOUND CLOSURE

N.T.S

- RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- $\langle$  2 $\rangle$  Rout temporary pedestrian crossing wiring aerially.
- install temporary timber pole with conduit riser and weather head in order to route temporary pedestrian crossing wiring into existing junction box.
- INSTALL PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

4. LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						Т
TIME	3:30:06 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	3/22/2022					WASH		۱,
PLOTTED BY	ZacharC				10	WASH		1
DESIGNED BY	C. ZACHARIAS				JOB N	UMBER		11
ENTERED BY	C.ZACHARIAS							14
CHECKED BY	D.DO				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				





DATE

**LEGEND** 

TEMPORARY SIGN LOCATION

SEQUENTIAL ARROW SIGN

UNIFORMED POLICE OFFICER

TYPE 2 BARRICADE

TALL CHANNELIZATION DEVICE

PEDESTRIAN CHANNELIZING DEVICE

TEMPORARY PEDESTRIAN PUSH BUTTON

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

# **FLAGGER** TEMPORARY CURB RAMP NEW TEMPORARY TIMBER POLE TEMPORARY ELECTRICAL Plot 16

	SR	8 99	1		
DUWAMISH	RIVER	то	S	SPOKANE	S
	PAVING	&	Αſ	DA	

**ELECTRICAL PLAN** 

TEL6 47 136 SHEETS

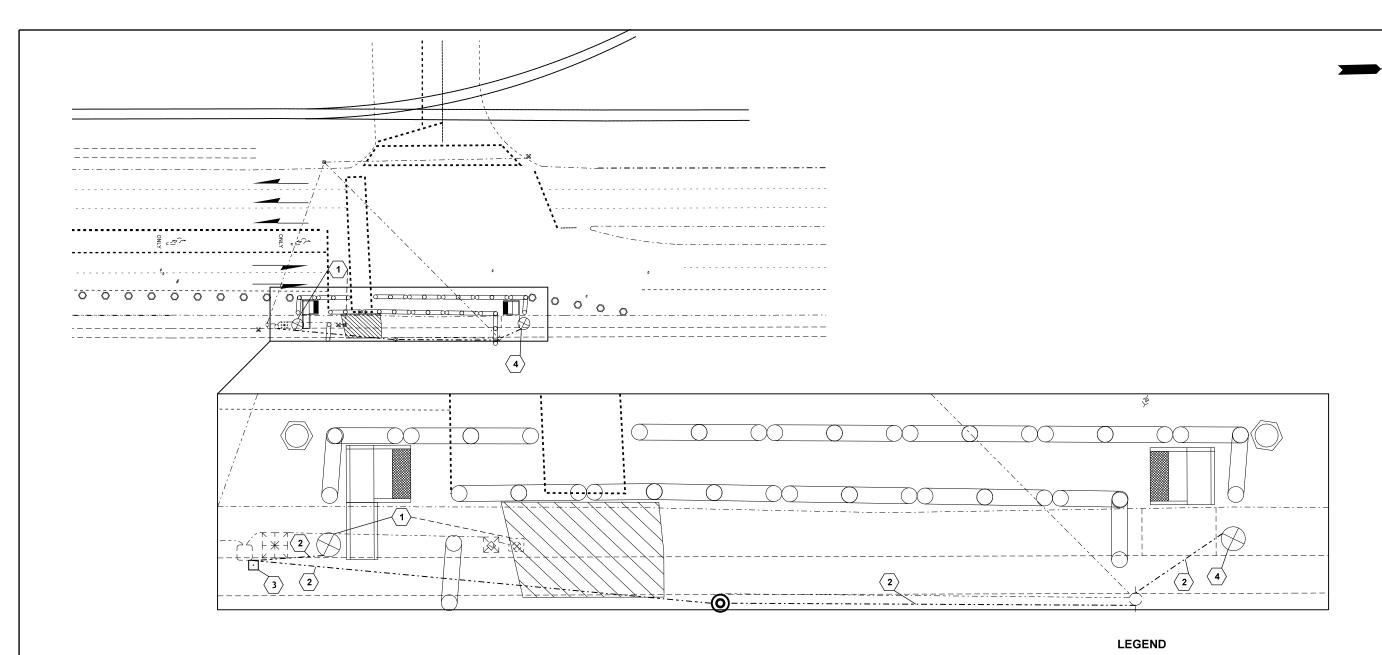
+++

 $\Box$ 

UPO

PLAN REF NO

+



# SR 99 S IDAHO ST

SOUTHBOUND CLOSURE

NTS

- RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- (2) ROUT TEMPORARY PEDESTRIAN CROSSING WIRING AERIALLY.
- install temporary timber pole with conduit riser and weather head in order to route temporary pedestrian crossing wiring into existing junction box.
- INSTALL PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF PEDESTRIAN LANDING.

# NOTES:

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
- 4 LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	5294 duwamish ada\XL6294_PS_EL_3.dgn						Γ
TIME	3:30:14 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	3/22/2022					WASH		ŀ
PLOTTED BY	ZacharC				יי ן	WASH		1
DESIGNED BY	C. ZACHARIAS				JOB N	IUMBER		1
ENTERED BY	C.ZACHARIAS							ľ
CHECKED BY	D.DO				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM	M. COTTEN	REVISION	DATE	BY	1			ı





WORK ZONE

TEMPORARY SIGN LOCATION

SEQUENTIAL ARROW SIGN

TALL CHANNELIZATION DEVICE

# TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) TYPE 2 BARRICADE PEDESTRIAN CHANNELIZING DEVICE TEMPORARY PEDESTRIAN PUSH BUTTON UNIFORMED POLICE OFFICER FLAGGER TEMPORARY CURB RAMP NEW TEMPORARY TIMBER POLE TEMPORARY ELECTRICAL

SR 99
DUWAMISH RIVER TO S SPOKANE ST
PAVING & ADA

ELECTRICAL PLAN

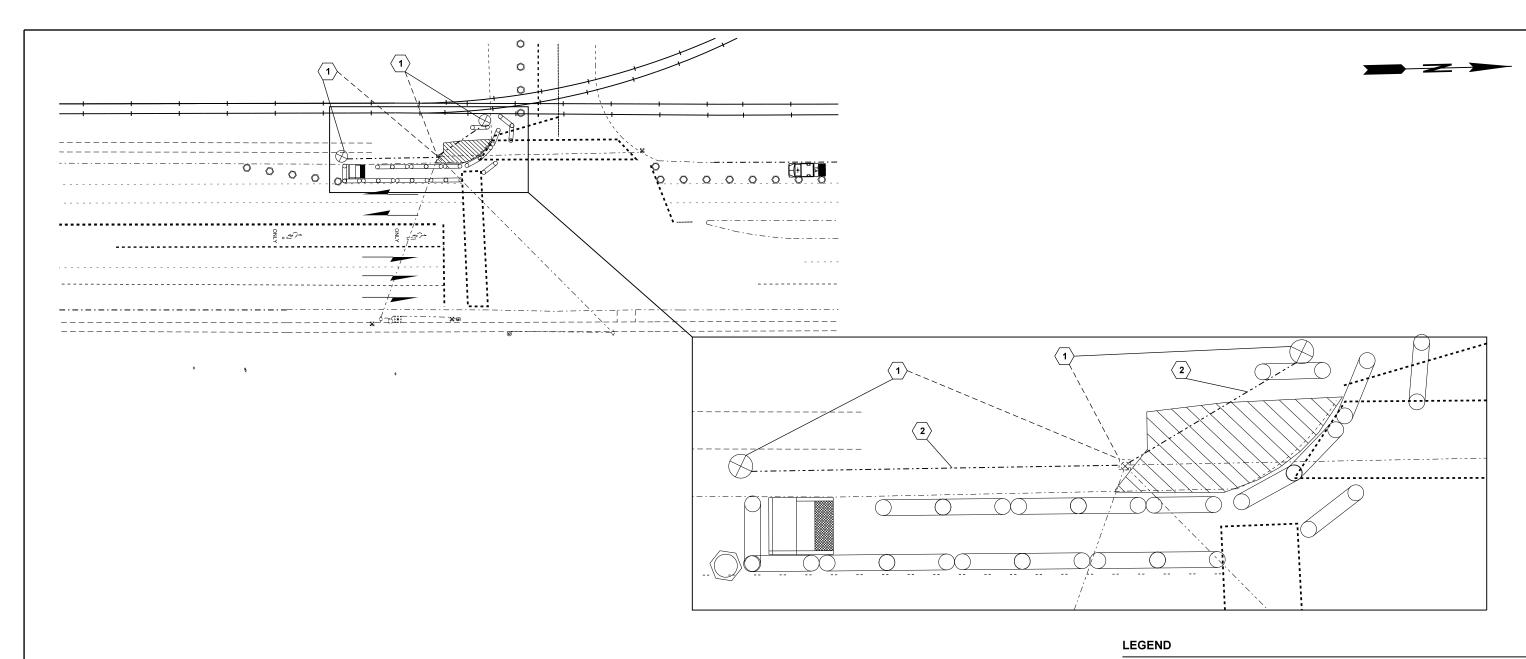
SHEET 48 OF 136 SHEETS

Plot 17

PLAN REF NO

N

0



# SR 99 S IDAHO ST

SOUTHBOUND CLOSURE

N.T.S

- RELOCATE EXISTING PUSH BUTTON STATION ASSEMBLY AND PEDESTRIAN SIGNAL DISPLAY PER CITY OF SEATTLE STANDARDS. ORIENT TOWARD THE ASSOCIATED TEMPORARY CROSSWALK. ENSURE PUSH BUTTON IS NO MORE THAN 10 INCHES FROM EDGE OF TEMPORARY PEDESTRIAN LANDING.
- 2 ROUT TEMPORARY PEDESTRIAN CROSSING WIRING AERIALLY.
- $\begin{array}{c} \boxed{3} \\ \hline \text{INSTALL TEMPORARY TIMBER POLE WITH CONDUIT RISER AND WEATHER HEAD IN ORDER TO ROUTE TEMPORARY PEDESTRIAN CROSSING WIRING INTO EXISTING JUNCTION BOX.} \\ \end{array}$

# NOTES:

- 1. SEE CURB RAMP TRAFFIC CONTROL PLANS FOR FURTHER DETAIL.
- 2. ALL LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
- 3. LOCATION OF TEMPORARY PUSH BUTTON POLES ARE APPROXIMATE, LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

4. LEGEND AND CONSTRUCTION NOTES THIS SHEET.

FILE NAME	C:\Users\ZacharC\Desktop\XL6	294 duwamish ada\XL6294_PS_EL_3.dgn						Γ
TIME	3:39:00 PM				REGION NO.	STATE	FED.AID PROJ.NO.	l
DATE	3/22/2022					WASH		ļ
PLOTTED BY	ZacharC				יי ן	WASH	_	1
DESIGNED BY	C. ZACHARIAS				JOB N	IUMBER		1
ENTERED BY	C.ZACHARIAS							ľ
CHECKED BY	D.DO				CONTR	RACT NO.	LOCATION NO.	l
PROJ. ENGR.	C. ANDERSON							l
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1			ı





WORK ZONE	
TEMPORARY SIGN LOCATION	И
TALL CHANNELIZATION DEVICE	<b>(a)</b>
SEQUENTIAL ARROW SIGN	DDD
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
TYPE 2 BARRICADE	++
PEDESTRIAN CHANNELIZING DEVICE	
TEMPORARY PEDESTRIAN PUSH BUTTON	$\otimes_{\underline{}}$
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
TEMPORARY CURB RAMP	<u>•</u>
NEW TEMPORARY TIMBER POLE	
NEW TENTORART THIBER FOLE	[•]

SR 99 DUWAMISH RIVER TO S SPOKANE ST **PAVING & ADA** 

**ELECTRICAL PLAN** 

TEMPORARY ELECTRICAL

TEL8 <sub>SHEET</sub> 130 SHEETS

Plot 18

PLAN REF NO

# SIGN SPECIFICATIONS

# **GENERAL NOTES (GN):**

- A) POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- B) FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SERIES "G".
- C) FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
- D) ALL 2.5" PERFORATED SQUARE STEEL TUBE (PSST) POSTS SHALL BE 12 GAUGE.
- E) 2.5" SQ (SB) AND 2.5" SQ (5) PSST POSTS SHALL HAVE A 12 GAUGE 2 1/4" PSST INSERT OF THE SAME LENGTH.
- F) SEE STANDARD PLAN G-24.40.
- G) ALL WIDE FLANGE STEEL POSTS SHALL BE ASTM A992.
- H) ALL ROUND STEEL POSTS ARE MEASURED TO OUTSIDE DIAMETER AND SHALL HAVE TYPE AP SIGN SUPPORTS.
- I) ALL SIGNS 36" OR WIDER SHALL BE BRACED IN ACCORDANCE WITH STANDARD PLAN G-50.10.
- J) 5", 6", 7" AND 8" SQUARE STEEL TUBE SIGN POSTS SHALL HAVE TYPE TP-B BASES. ASTM A36 W6x12 FOUNDATION SPECIFICATIONS SHALL BE USED UNLESS OTHERWISE NOTED IN THE PLANS.
- K) ALL 3" SOLID SQUARE STEEL TUBE POSTS SHALL BE 7 GAUGE.
- L) SEE STANDARD PLAN G-24.50.
- M) ALL OVERHEAD SIGN MOUNTING HARDWARE SHALL BE NEW UNLESS OTHERWISE SHOWN ON THE PLANS OR SIGN SPECIFICATION SHEETS.

OVERHEAD SHEETING										
TYPE OF SIGN	SHEETI	NG TYPE								
I TPE OF SIGN	BACKGROUND	LEGEND / BORDER								
GUIDE	IV	XI								
EXIT ONLY / LEFT PLAQUE	IV	XI								
STREET NAME	IV	XI								
REGULATORY	IV	N/A								
WARNING	IX OR XI	N/A								

	ABBREVIATIONS LEGEND
AAH	ADOPT A HIGHWAY
AHD	AHEAD
BR MOUNT	BRIDGE MOUNTED SIGN BRACKET
BTWN	BETWEEN
CANT	CANTILEVER
CL	CENTER LINE
CN	CONSTRUCTION NOTE
CONT	CONTINUED
EX OR EXIST	EXISTING
FY	FLUORESCENT YELLOW
HAR	HIGHWAY ADVISORY RADIO
<b>VS</b>	INTERSECTION
LT	LEFT
LT STD	LIGHT STANDARD
MOD	MODIFIED
MP	MILE POST
MTG HDWR	MOUNTING HARDWARE
N/A	NOT APPLICABLE
NO.	NUMBER
PED	PEDESTRIAN
PERP	PERPENDICULAR
PSST	PERFORATED SQUARE STEEL TUBE
R-	REMOVAL
RT	RIGHT
SIG POLE	SIGNAL POLE
SIGN BR	SIGN BRIDGE
SB	SLIP BASE
SQ	SQUARE
STA	STATION
TYP	TYPICAL
W/	WITH
XING OR X-ING	CROSSING
	1

APPREVIATIONS LEGEND

2 1/2" PER	FORATED & 3" SQUARE	STEEL TUBE SIGN	POST SUPPORTS
POST SIZE (#)	CALL OUT IN THE POST SIZE COLUMN	SIGN SUPPORT TYPE	GENERAL NOTE
2 1/2"	2.5" SQ (1)	ST-1	D, L
2 1/2"	2.5" SQ (4)	ST-4	D, L
2 1/2"	2.5" SQ (SB)	SB-1, SB-2 OR SB-3	D, E, F
2 1/2"	2.5" SQ (5)	ST-4	D, E, L
3"	3" SQ (SB)	SB-1 OR SB-3	K, F
3"	3" SQ (5)	ST-4	K. L

				REGION NO.	STATE	FED. AID PROJ. NO.		OD 00	Plot 1
				10	WASH			SR 99	SS1
<b>DESIGNED BY</b>	M. MUS							DUWAMISH RIVER TO S SPOKANE ST VIC	3
<b>ENTERED BY</b>	M. MUS						Washington State Department of Transportation	PAVING & ADA COMPLIANCE	SHEET
CHECKED BY	C. ANDERSON			JOB	NUMBER		Department of Transportation		50
PROJ. ENGR.	C. ANDERSON			2	1A023				OF
REGION ADM.	M. COTTEN			CONT	RACT NO.			SIGN SPECIFICATIONS	130
		REVISION	DATE	BY					SHEETS

# SIGN INSTALLATION SPECIFICATIONS

SIGN	SIGN	SIGN	STA. LOC.	SIGN	I SIZE	SHEETING	LETTER SIZE	POST	POST		POST L	ENGTH CLEARANCE	
NO.	CODE	DESCRIPTION	(or MP)	X	Υ	TYPE	OR CODE	MATERIAL	SIZE	H1	H2	H3 H4 V W	REMARKS
1A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 46+97 (63' RT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	4'		2'	MOUNT ON CURB FACE, WITH 2 POSTS
2A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 47+06 (23' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	4'		2'	MOUNT ON CURB FACE, WITH 2 POSTS
5A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 62+38(24' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	8.5'		7.5'	MOUNT 2' FROM THE CURB
6A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 62+42 (22' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	8.5'		7.5'	MOUNT 2' FROM THE CURB
7A	W10-1	RAILROAD CROSSING WARNING	EM STA 75+62 (56' RT)	36"	36"	III or IV	STANDARD	STEEL	2" SQ.	8.5'		7.5'	MOUNT 2' IN FRONT OF EXISTING POWER POLE
8A	R8-9	TRACKS OUT OF SERVICE	EM STA 79+52 (205' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	8.5'		7.5'	MOUNT 75' INFRONT OF FEDERAL CENTER SOUTH SIGN
10A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 82+30 (60' RT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	4'		2'	MOUNT ADJACENT TO SIDEWALK NORTH OF POLE
11A	R8-9	TRACKS OUT OF SERVICE	EM STA 81+61 (32' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.			5'	MOUNT UNDER EXISTING CROSSBUCK SIGN
12A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 81+80 (24' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	4'		2'	MOUNT WITH 2 POSTS
13A	W10-1	RAILROAD CROSSING WARNING	EM STA 86+28 (25' LT)	36"	36"	III or IV	STANDARD	STEEL	2" SQ.	6'		7.5'	MOUNT 2' FROM THE CURB
15A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 89+42 (54' RT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.	4'		2'	MOUNT ON CURB FACE, WITH 2 POSTS
16A	R9-3A	NO PEDESTRIAN CROSSING	EM STA 89+54 (28' LT)	24"	24"	III or IV	STANDARD	STEEL	2" SQ.			7.5'	MOUNT ON EXISTING PEDESTRIAN PUSH BUTTON POLE
							***************************************						

# CONSTRUCTION NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

				REG	GION NO.	STATE	FED. AID PROJ. NO.			Plot 4
									SR 99	SS2
DESIGNED BY	M. MUS				10	WASH			DUWAMISH RIVER TO S SPOKANE ST VI	С
ENTERED BY	M. MUS							Washington State Department of Transportatio	PAVING & ADA COMPLIANCE	SHEET
CHECKED BY	C. ANDERSON				JOB N	NUMBER		bepartment of Transportation		51
PROJ. ENGR.	C. ANDERSON				21.	A023				OF
REGION ADM.	M. COTTEN				CONTR	RACT NO.			SIGN INSTALLATION SPECIFICATIONS	130
		REVISION	DATE	BY						SHEETS

# SIGN RELOCATION SPECIFICATIONS

SIGN	SIGN	SIGN	EXIST. STA. LOC.	NEW STA. LOC.	SIGN	I SIZE	POST	POST		POST	LENGTH	1	CLEAF	ANCE	
NO.	CODE	DESCRIPTION	(or MP)	(or MP)	X	Υ	MATERIAL	SIZE	H1 `	H2	НЗ	H4 `	V	W	REMARKS
7B	R7-101	NO PARKING ANY TIME	EM STA 75+62 (56' RT)	EM STA 75+62 (56' RT)	18"	24"	STEEL	2" SQ.					5.5'	REM	OVE AND RELOCATE SIGN BELOW NEW W10-1 SIGN.
9	R15-1	RAILROAD CROSSING	EM 80+55 (64' RT)	EM 80+45 (65' RT)	45"	9"	STEEL	2" SQ.					9'	REM	OVE, STORE, AND REPLACE SIGNS ON NEW POST
				`											N CONSTRUCTION IS COMPLETE.
9	R1-2	YIELD	EM 80+55 (64' RT)	EM 80+45 (65' RT)	30"	30"	STEEL	2" SQ.					9'	REM	OVE, STORE, AND REPLACE SIGNS ON NEW POST
				`										WHE	N CONSTRUCTION IS COMPLETE.
14	D3-103	E MARGINAL WAY S	EM 88+56 (58' RT)	EM 88+56 (60' RT)		16"	STEEL						9'	REM	OVE, STORE, AND REPLACE SIGNS ON NEW POST
				`										WHE	N CONSTRUCTION IS COMPLETE.
14	D3-103	S IDAHO ST	EM 88+56 (58' RT)	EM 88+56 (60' RT)		16"	STEEL						9'	REM	OVE, STORE, AND REPLACE SIGNS ON NEW POST
														WHE	N CONSTRUCTION IS COMPLETE.
							<u> </u>								
													1		

# CONSTRUCTION NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

					REGION NO.	STATE	FED. AID PROJ. NO.			Plot 4
							•		SR 99	SS3
DESIGNED BY	M. MUS			***************************************	10	WASH			DUWAMISH RIVER TO S SPOKANE ST VIC	
<b>ENTERED BY</b>	M. MUS							Washington State Department of Transportation	PAVING & ADA COMPLIANCE	SHEET
CHECKED BY	C. ANDERSON				JOB NU	MBER		Department or Transportation		52
PROJ. ENGR.	C. ANDERSON				21A	023				OF
REGION ADM.	M. COTTEN				CONTRA	ACT NO.	]		SIGN RELOCATION SPECIFICATIONS	130
		REVISION	DATE	BY						SHEETS

# SIGN REMOVAL SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN X	SIZE Y	POST MATERIAL	POST SIZE	# OF POSTS	REMARKS
3	R8-9		EM STA 55+77 (57' RT)		24"	WOOD	4"X6" SQ.	1	
4	R8-9	TRACKS OUT OF SERVICE			24"	WOOD			REMOVE SIGN FROM POWER POLE
***************************************	***************************************								
	***************************************		***************************************						
			***************************************		***************************************				
	***************************************		***************************************					•	
	***************************************								
	***************************************								

# CONSTRUCTION NOTES:

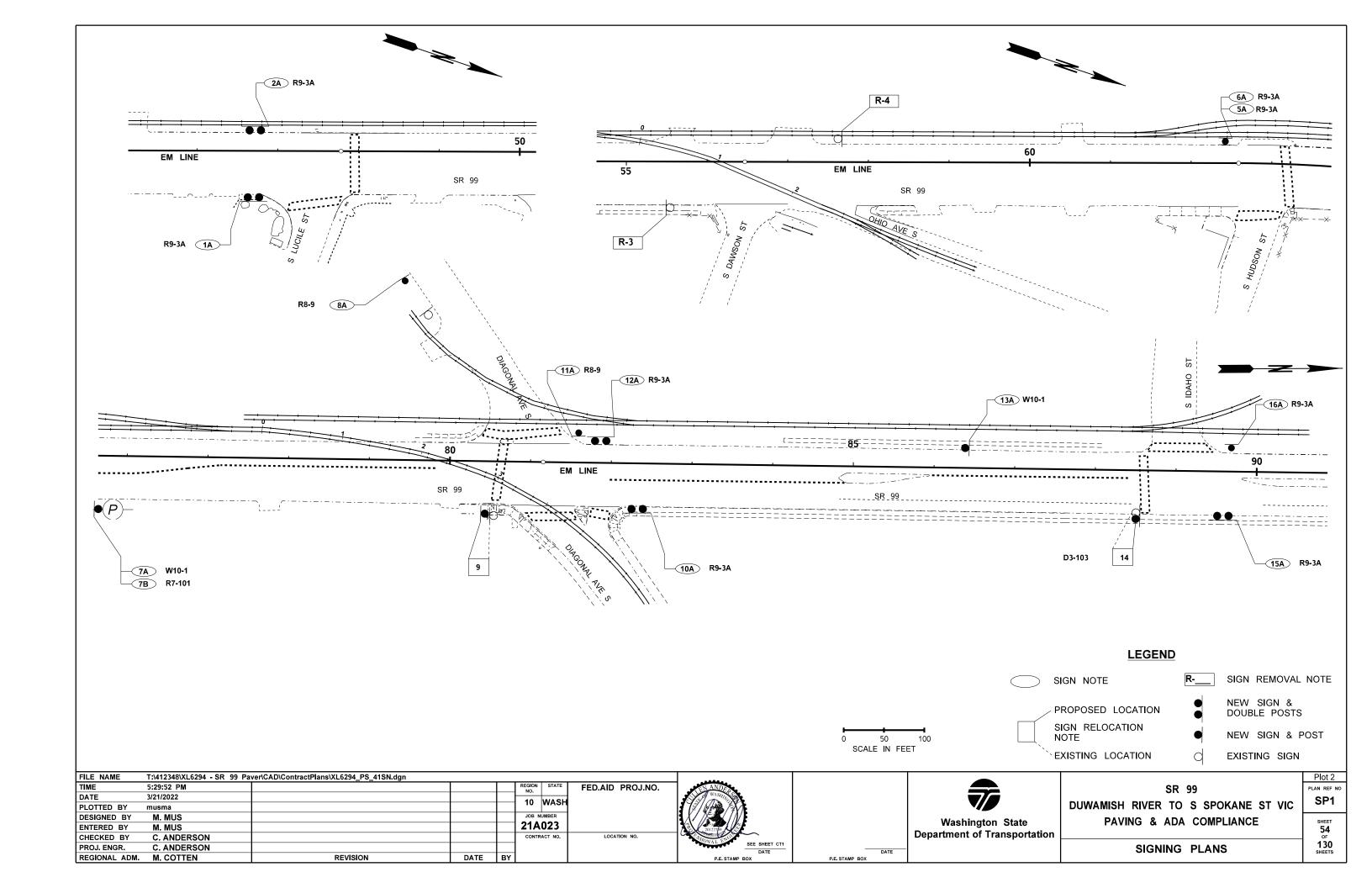
POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

					REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	M. MUS				10	WASH	
ENTERED BY	M. MUS						
CHECKED BY	C. ANDERSON				JOB NUMBER		
PROJ. ENGR.	C. ANDERSON				21.	A023	
REGION ADM.	M. COTTEN				CONTR	RACT NO.	1
		REVISION	DATE	BY			

Washington State Department of Transportation
---

	Plot 5
SR 99	SS4
DUWAMISH RIVER TO S SPOKANE ST VIC	
PAVING & ADA COMPLIANCE	SHEET
	53
	OF
SIGN REMOVAL SPECIFICATIONS	130
	SHEETS



MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
	'EHICLE WEI TO 22,000 li		HOST VEHICLE WEIGHT 22,001+ lbs.					
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH			
100'	172'	222'	100'	150'	172'			

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.

8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.

9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.

TRAFFIC SAFETY DRUM.

7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF

10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

	MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT								
50-65	40	80								
35-45	30	60								
20-30	20	40								

1	LONGITUDINAL BUFFER SPACE = B												
	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65		
	LENGTH (feet)	115	155	200	250	305	360	425	495	570	645		

SHOULDER CLOSURE TAPER LENGTH = L/3

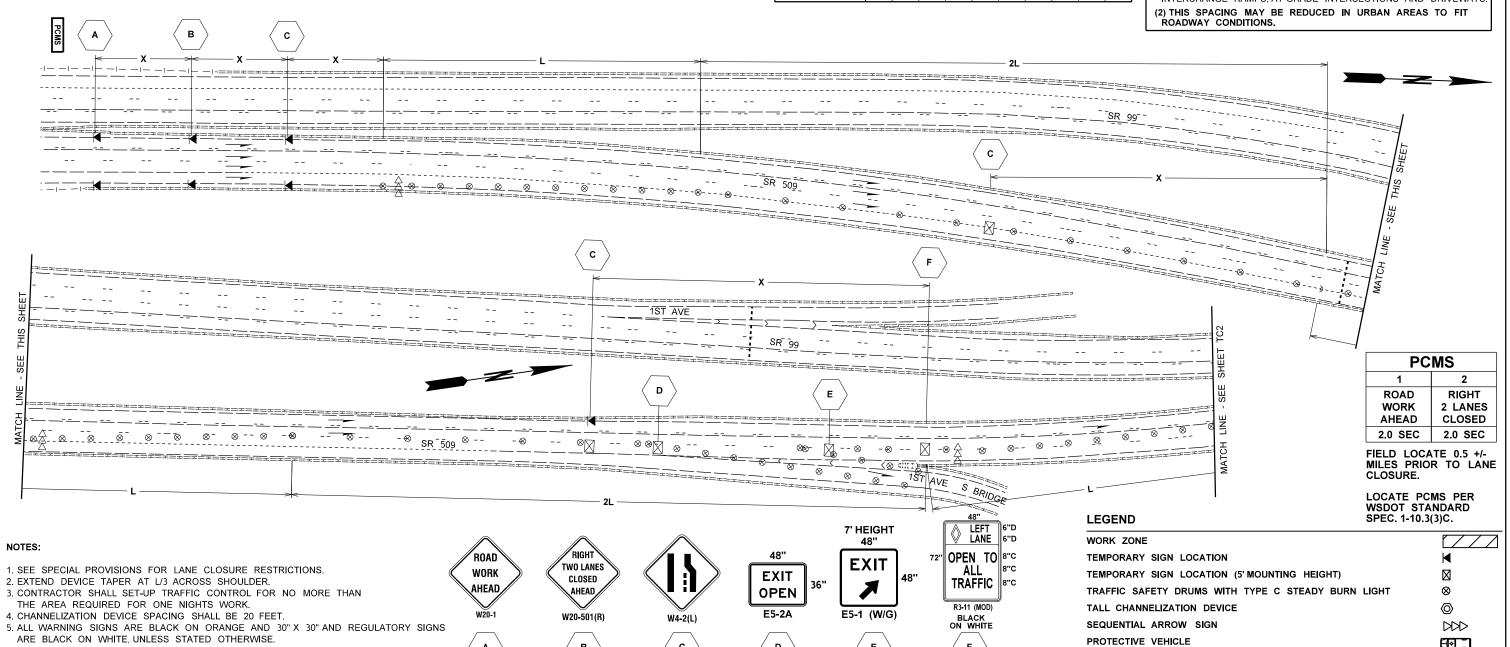
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM

SPEED (MPH) 20 25 30 35 40 45 50 55 60 65

40 | 40 | 40 | 60 | 60 | 90 | 120 | 120 | 160 40 | 40 | 60 | 90 | 90 | 150 | 200 | 200 | 200 | 240

SIGN SPACING	i = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MPH	H OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED TO	ACCOMMODAT	

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT



D

SR 99 / NB - BRIDGE 99/530E TO 1ST AVE S

DATE

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:30:00 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
DECIONAL ADM	M COTTEN	DEVISION	DATE	ЬV	I		



SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

UNIFORMED POLICE OFFICER

PORTABLE CHANGEABLE MESSAGE SIGN

**FLAGGER** 

TRAFFIC CONTROL PLANS

PLAN REF NO TC1 130 SHEETS

₩.

+/+

PCMS

Plot 1

SHEET 55

MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
	EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.						
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
100' 172' 222'			100' 150' 17						

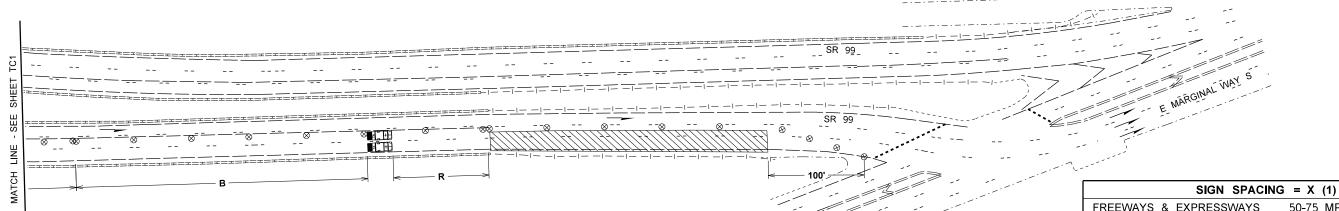
LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65		
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645		

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)							
MPH	TAPER	TANGENT					
50-65	40	80					
35-45	30	60					
20-30	20	40					

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160
10'		40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											





FREEWAYS & EXPRESSWAYS 1500' +/-50-75 MPH RURAL HIGHWAYS 60-65 MPH 800' +/-RURAL ROADS 45-55 MPH 500' +/-RURAL ROADS & URBAN ARTERIALS 35-40 MPH 350' +/-RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS 25-30 MPH 200' +/- (2) 100' +/- (2) URBAN STREETS 25 MPH OR LESS

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

# NOTES

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

# SR 99 / NB - BRIDGE 99/530E TO 1ST AVE S

DATE

	<b>7</b>
	Washington State

DATE

# SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

TRAFFIC CONTROL PLANS

Plot 2 PLAN REF NO TC2 56

130 SHEETS

 $\boxtimes$ 

⊗

+/+

UPO UPO

PCMS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:30:04 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					UMBER	
ENTERED BY	M. MUS				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
DECIONAL ADM	M COTTEN	PEVISION	DATE	DV			

Department of Transportation

**LEGEND** WORK ZONE

**FLAGGER** 

TEMPORARY SIGN LOCATION

TALL CHANNELIZATION DEVICE

SEQUENTIAL ARROW SIGN

UNIFORMED POLICE OFFICER

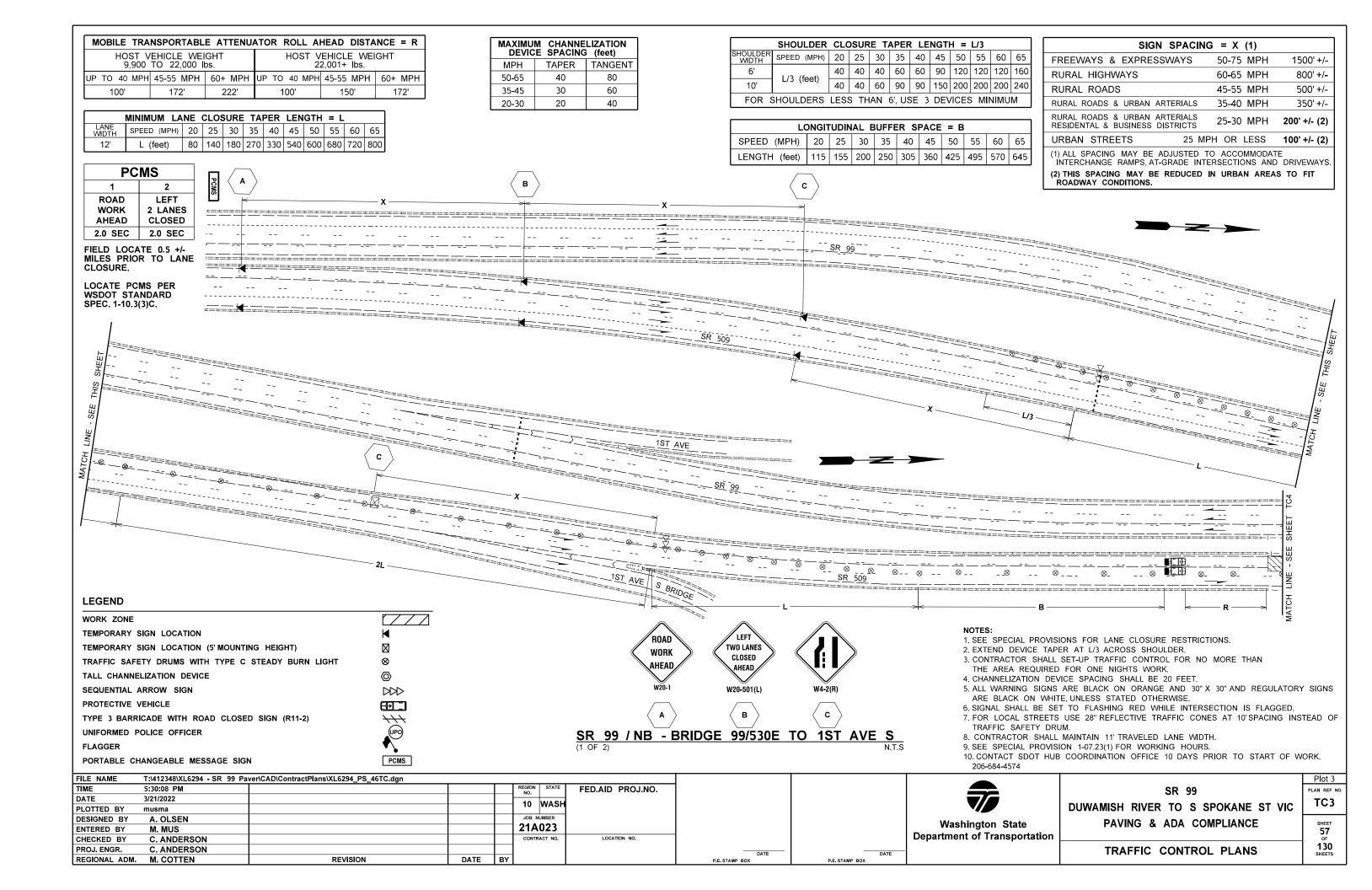
PORTABLE CHANGEABLE MESSAGE SIGN

PROTECTIVE VEHICLE

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT



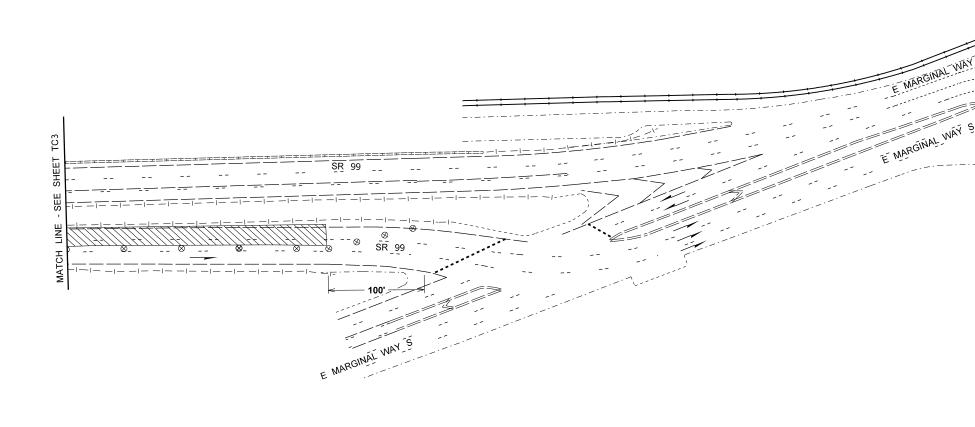
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
	EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.					
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH			
100' 172' 222'			100' 150' 172'					

LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)						
MPH	TAPER	TANGENT				
50-65	40	80				
35-45	30	60				
20-30	20	40				

	SHOULDER CLOSURE TAPER LENGTH = L/3										
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160
10'		40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											



SIGN SPACING	G = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MF	PH OR LESS	100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE ÍNTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

# NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.

FILE NAME T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_46TC.dgn

- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

# SR 99 / NB - BRIDGE 99/530E TO 1ST AVE S

DATE

<b>***</b>
Washington State Department of Transportation
 •

	,	SR	99			
DUWAMISH R	IVER	то	S	SPOKANE	ST	VIC
PAVING	3 & /	ADA	C	OMPLIANCE	<b>E</b>	

TRAFFIC CONTROL PLANS

58 58 130 SHEETS

 $\boxtimes$ 

 $\otimes$ 

+/+

UPO UPO

PCMS

Plot 4 PLAN REF NO TC4

TIME	5:30:11 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
DECIONAL ADM	M COTTEN	DEVISION	DATE	DV	1		

ion

FLAGGER

**LEGEND** WORK ZONE

TEMPORARY SIGN LOCATION

TALL CHANNELIZATION DEVICE

SEQUENTIAL ARROW SIGN

UNIFORMED POLICE OFFICER

PORTABLE CHANGEABLE MESSAGE SIGN

PROTECTIVE VEHICLE

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT

MOBILE TRA	NSPORTABL	E ATTENUA	ATOR ROLL A	HEAD DISTA	NCE = R			
	EHICLE WEI		HOST VEHICLE WEIGHT 22,001+ lbs.					
UP TO 40 MPH	O 40 MPH 45-55 MPH   60+ MPH UP TO 40 MPH 45-55 MPH   60+ MF							
100'	172'	222'	100'	150'	172'			

3.CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN

5.ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS

10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
7.FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF

THE AREA REQUIRED FOR ONE NIGHTS WORK.
4.CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.

TRAFFIC SAFETY DRUM.

ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.

8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH. 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.

LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	

	MINIMUM LA	NE	CLO	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

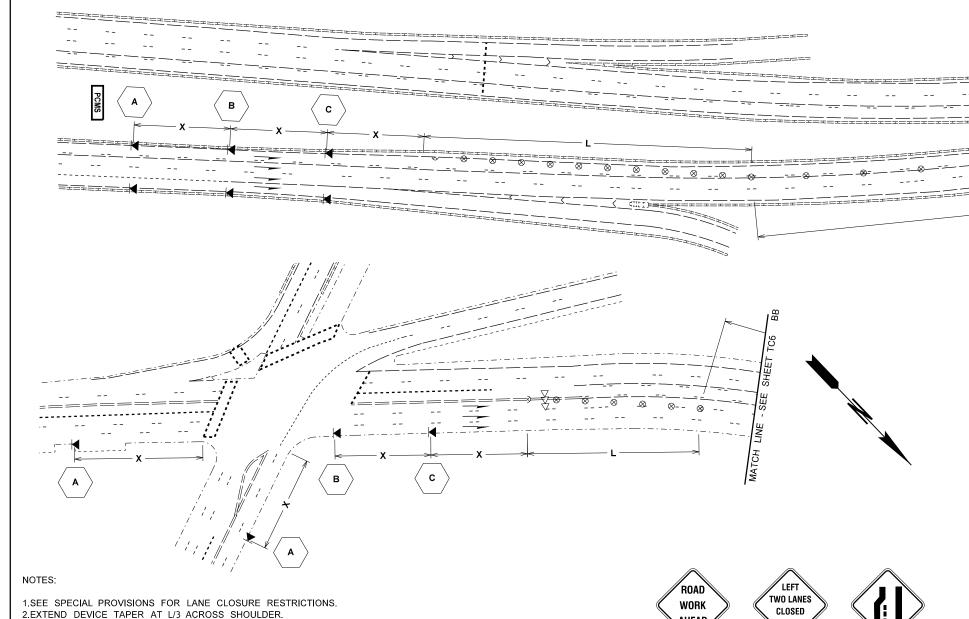
W20-501(L)

SR 99 / SB - BRIDGE 99/530E TO 1ST AVE S

DATE

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)							
MPH	TAPER	TANGENT					
50-65	40	80					
35-45	30	60					
20-30	20	40					

	SHOULDER CLOSURE TAPER LENGTH = L/3											
HOULDER WIDTH		20	25	30	35	40	45	50	55	60	65	
6'	1 /2 /54)	40	40	40	60	60	90	120	120	120	160	
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240	
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											



PCMS								
1	2							
ROAD	LEFT							
WORK	2 LANES							
AHEAD	CLOSED							
2.0 SEC	2.0 SEC							

FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

SIGN SPACING = X (1)										
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-								
RURAL HIGHWAYS	60-65 MPH	800' +/-								
RURAL ROADS	45-55 MPH	500' +/-								
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-								
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)								
URBAN STREETS 25 MR	PH OR LESS	100' +/- (2)								
/// ***										

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

### LEGEN

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:30:15 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1		

Washington State
Department of Transportation

SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE

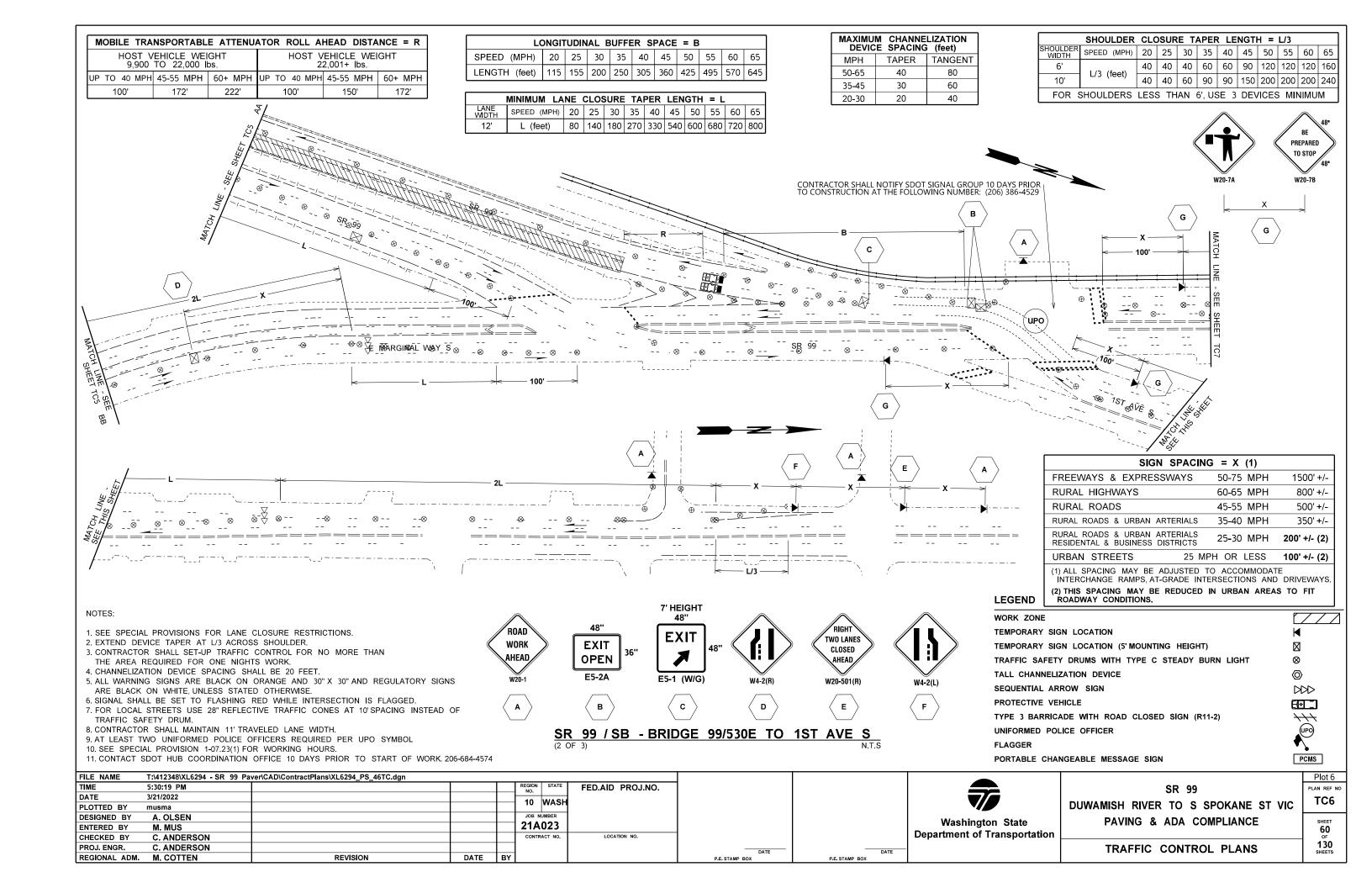
TRAFFIC CONTROL PLANS

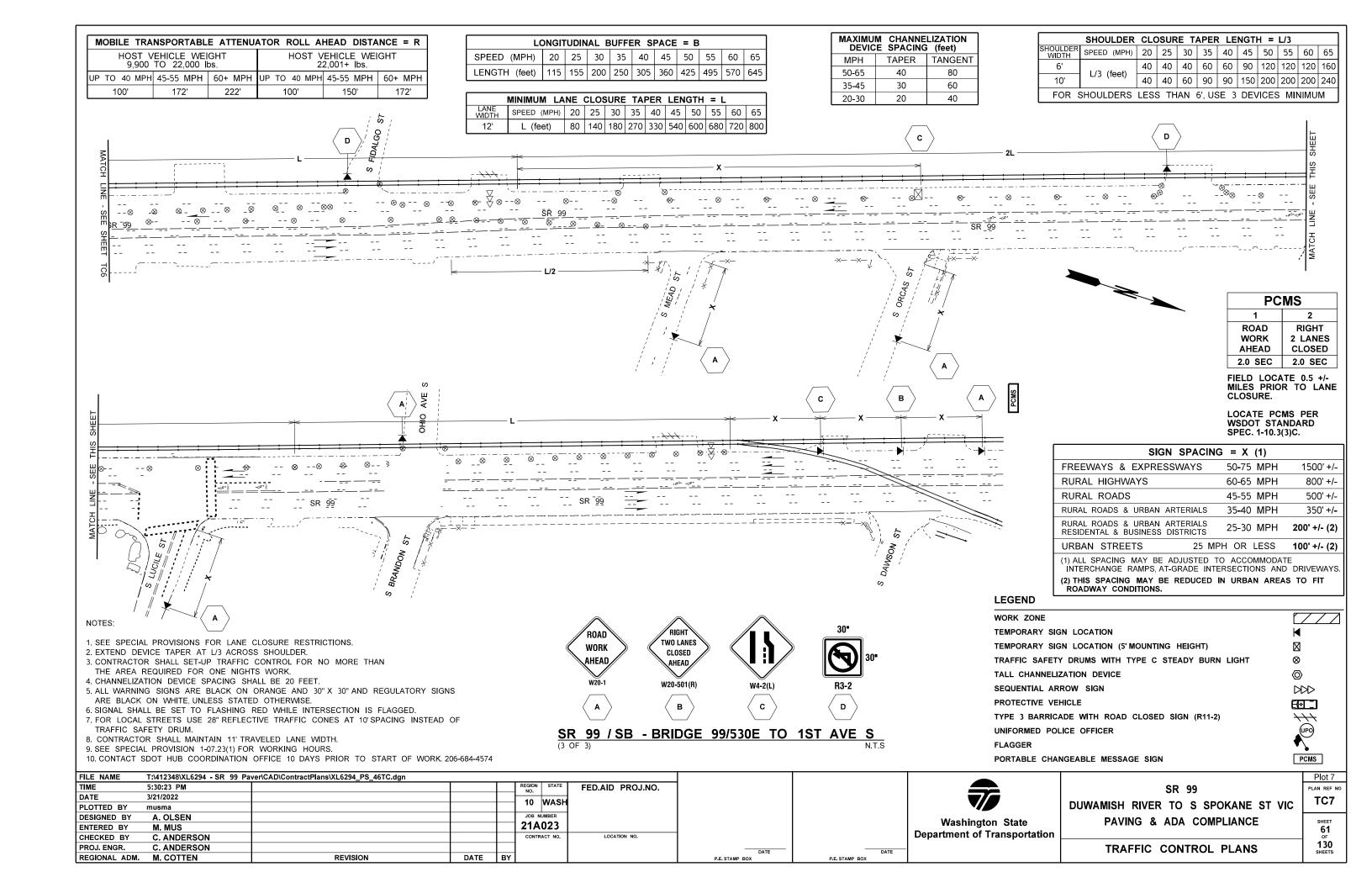
TC5

SHEET
59
of
130
SHEETS

Plot 5

PLAN REF NO





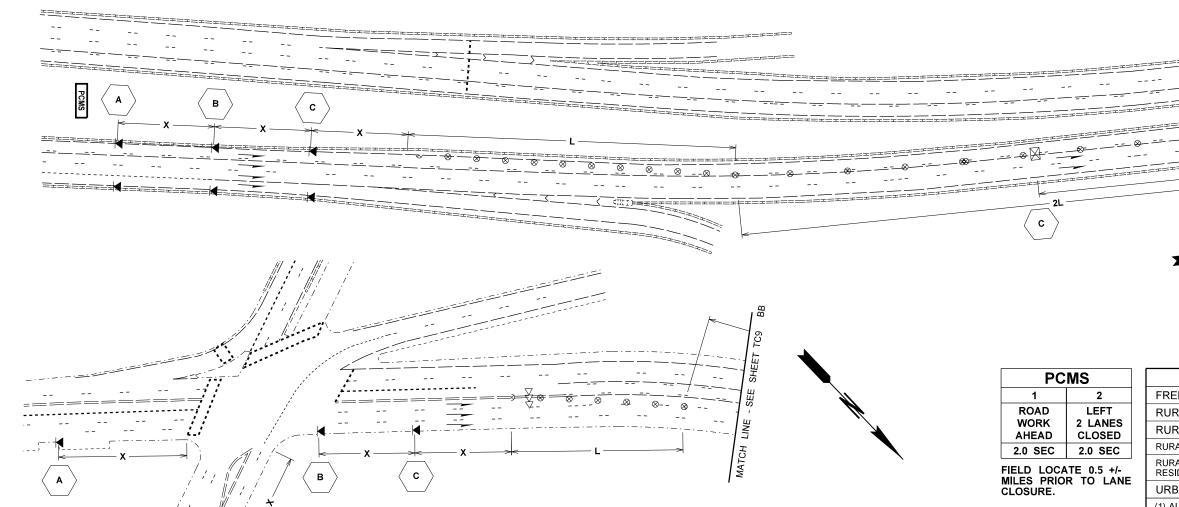
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
	EHICLE WEI TO 22,000 I		HOST VEHICLE WEIGHT 22,001+ lbs.					
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH			
100'	172'	222'	100'	150'	172'			

LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											



LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

SIGN SPACING	= X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MPI	H OR LESS	100' +/- (2)
		_

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT

### LEGE

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

ROADWAY CONDITIONS.

ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.							
6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.							
7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD	OF						
TRAFFIC SAFETY DRUM.							

5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS

8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.

1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.

3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN

2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.

THE AREA REQUIRED FOR ONE NIGHTS WORK.
4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.

9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.

NOTES:

10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

ROAD WORK AHEAD W20-1	LEFT TWO LANES CLOSED AHEAD W20-501(L)	W4-2(R)
A	В	<b>(c)</b>

SR 99 / SB - BRIDGE 99/530E TO 1ST AVE S

T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_46TC.dgn FILE NAME REGION NO. FED.AID PROJ.NO. DATE 3/21/2022 10 WASH PLOTTED BY musma JOB NUMBER DESIGNED BY A. OLSEN 21A023 M. MUS ENTERED BY CHECKED BY C. ANDERSON LOCATION NO. PROJ. ENGR. C. ANDERSON REGIONAL ADM. M. COTTEN REVISION DATE

Washington State
Department of Transportation

SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE

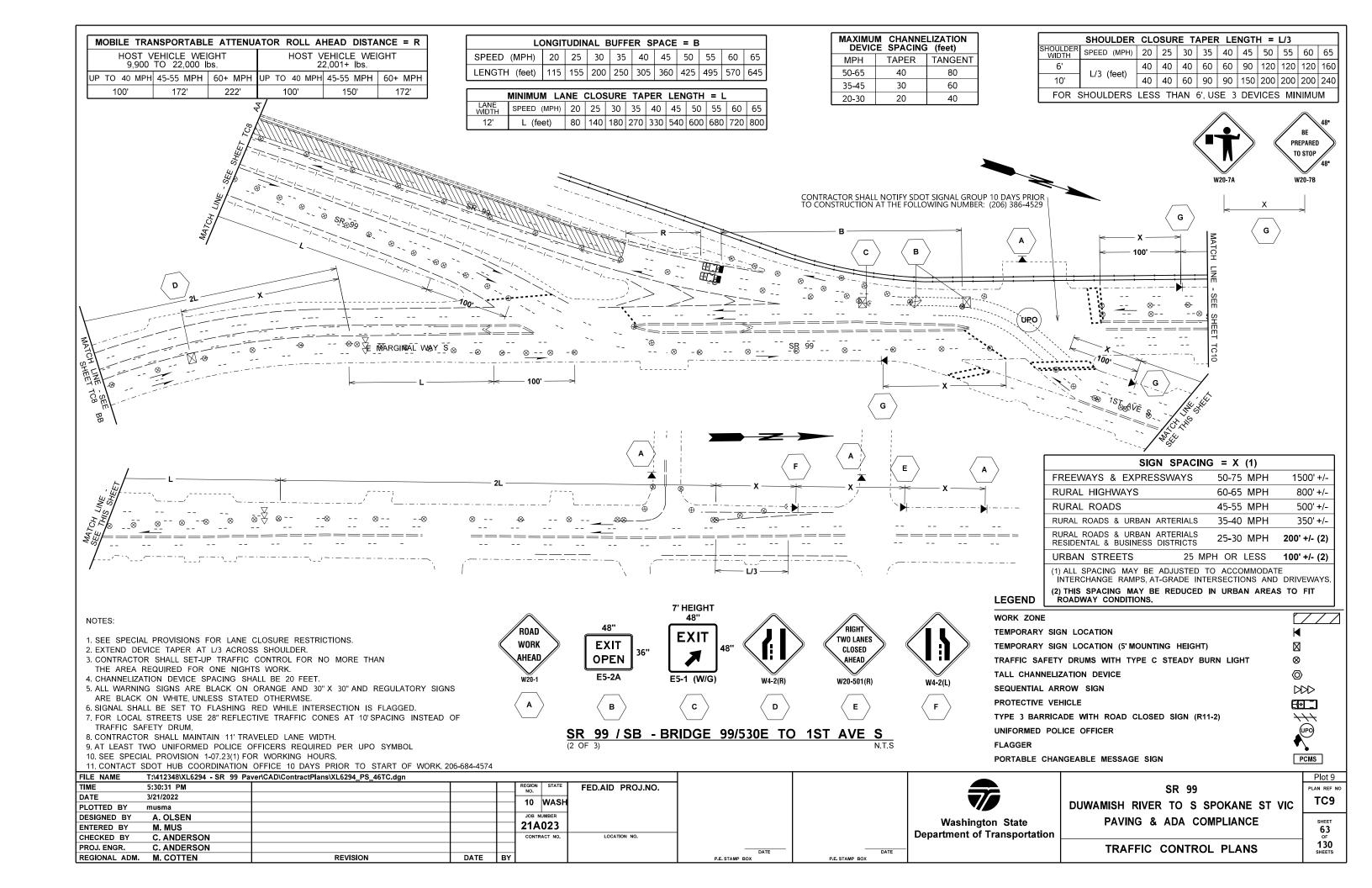
PAVING & ADA COMPLIANCE

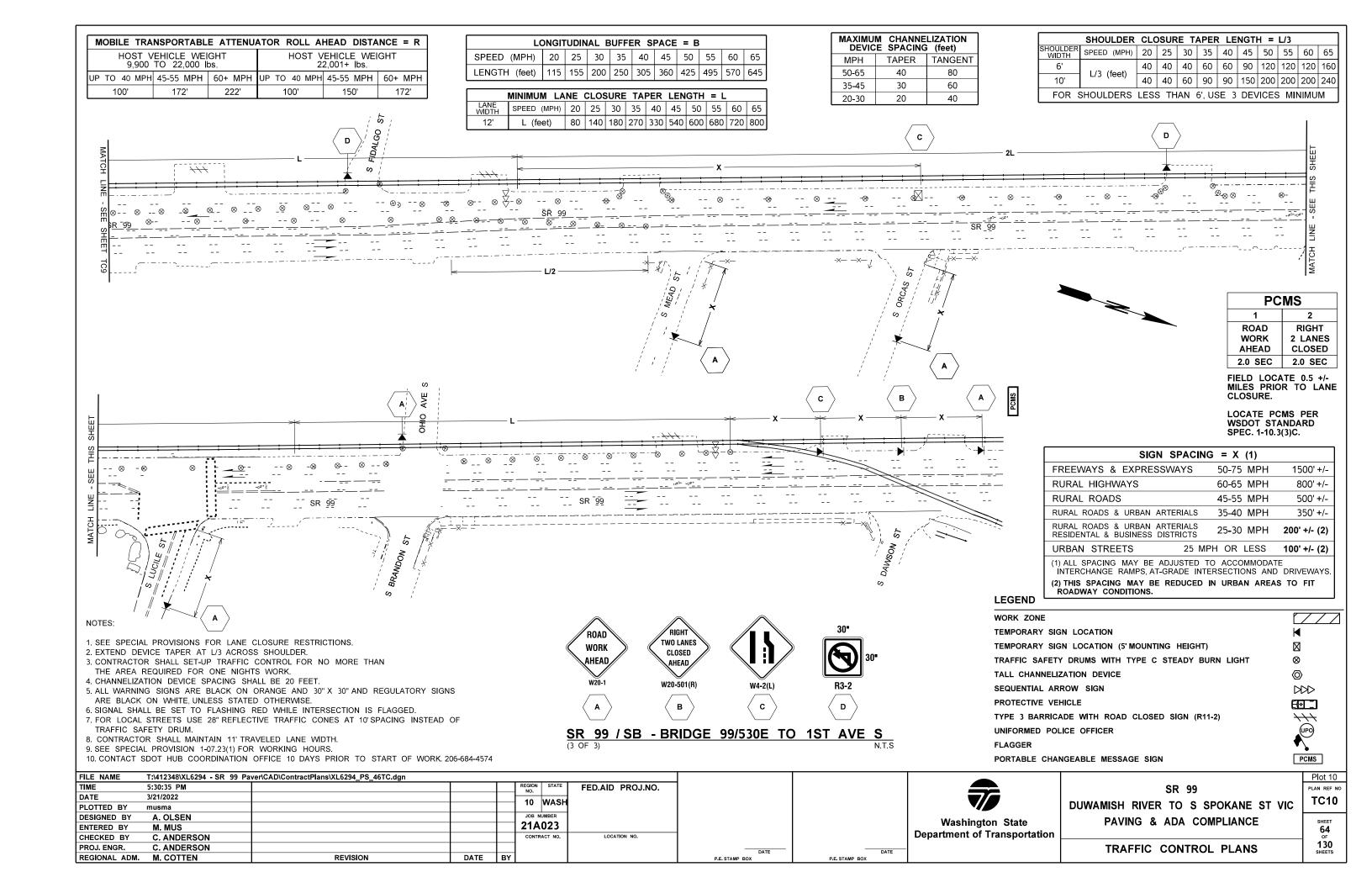
130
SHEETS

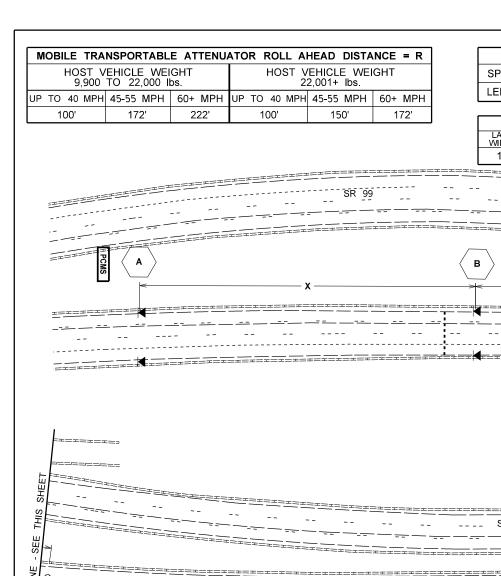
Plot 8

PLAN REF NO

TC8





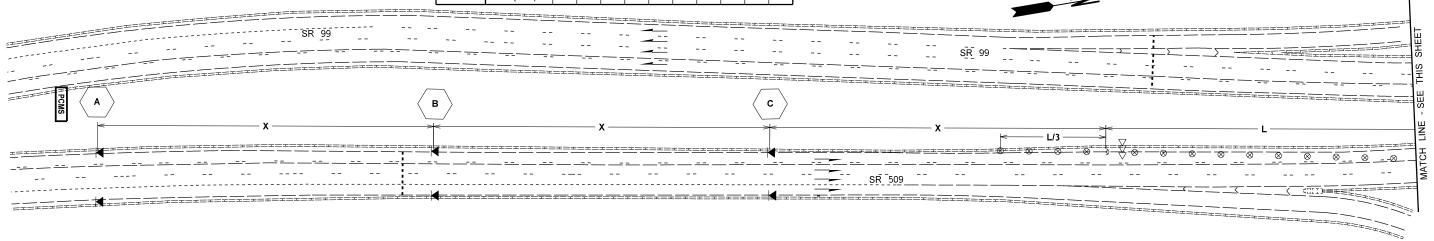


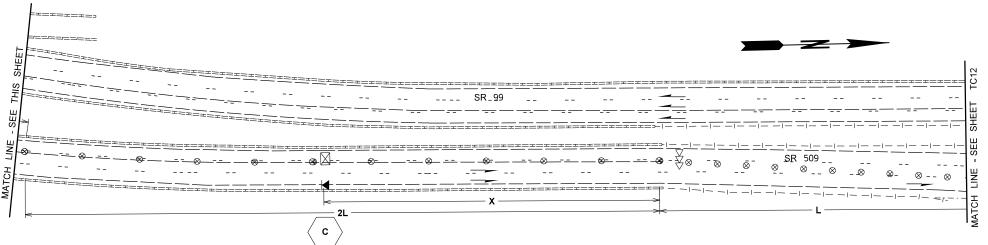
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	1 /2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	SHOULDERS	LES	S TH	IAN	6', US	SE 3	DE\	/ICES	IIM 8	UMIV	М





PCMS							
1	2						
SR 99	FOLLOW						
N-BND	DETOUR						
CLOSED							
2.0 SEC	2.0 SEC						

FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

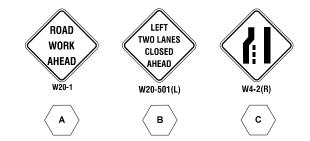
LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

SIGN SPACING	S = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MP	H OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED TO	O ACCOMMODAT	re

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

### NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. FOR DETOUR ROUTES DETAILS SEE SHEET DU10
- 10. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 11. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



SR 99 / NB - 1ST AVE S TO S LUCILE ST

DATE

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	(UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

PCMS Plot 33

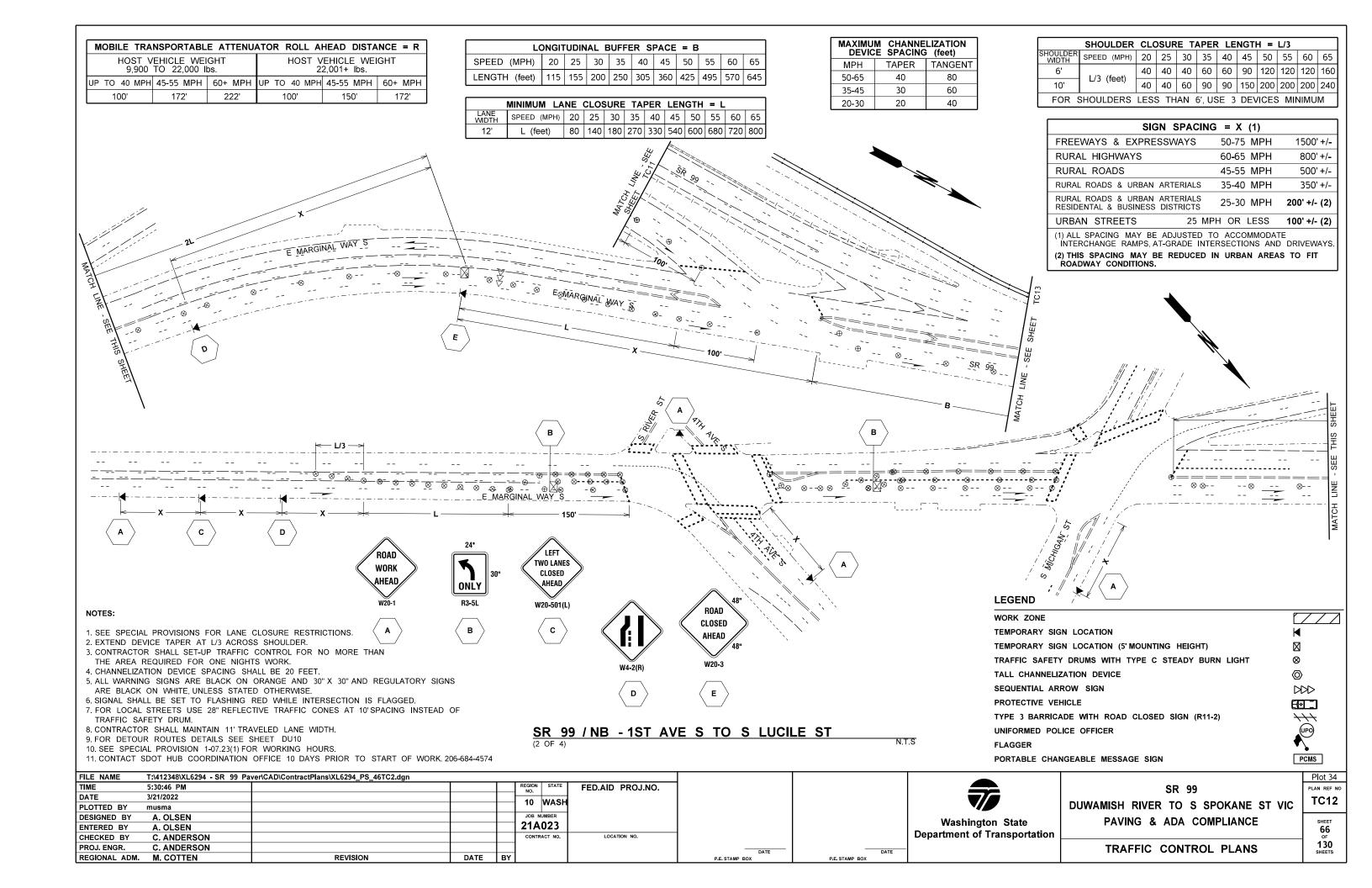
PLAN REF NO TC11

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:30:42 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					UMBER	
ENTERED BY	A. OLSEN				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM	M COTTEN	REVISION	DATE	RY			



		SR	99		
DUWAMISH	RIVE	R TO	S	<b>SPOKANE</b>	ST VIC
PAVI	NG 8	ADA	C	OMPLIANCI	<b>=</b>

65 130 SHEETS TRAFFIC CONTROL PLANS



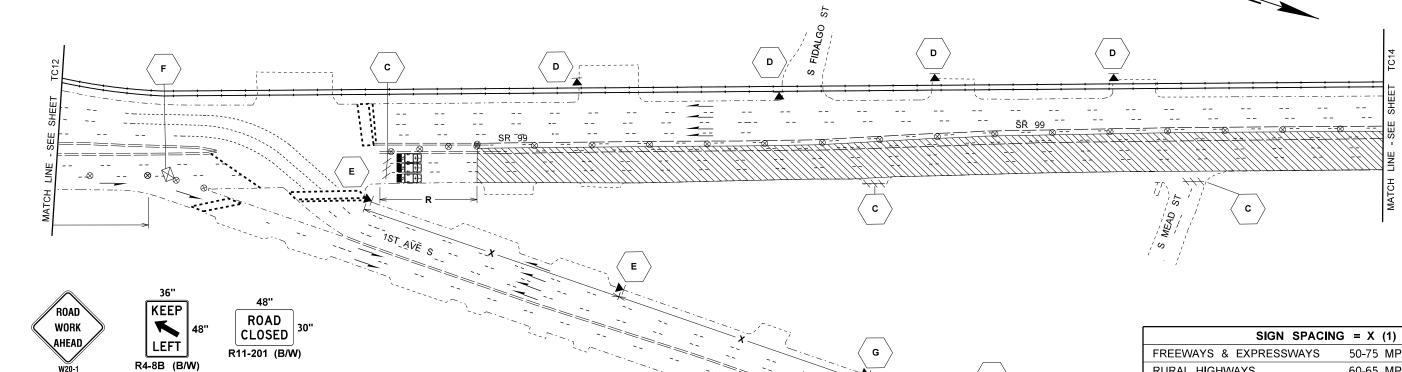
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R		
	'EHICLE WEI TO 22,000 II			/EHICLE WEI 2,001+ lbs.	GHT		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH 45-55 MPH 60+ MF				
100' 172' 222' 100' 150' 1							

L(	ONGIT	UDIN	AL E	BUFFE	R SI	PACE	. = B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMU	M LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH		(MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (fe	eet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION i (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										



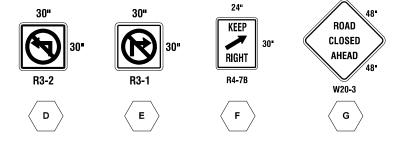
1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.

В

- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. FOR DETOUR ROUTES DETAILS SEE SHEET DU10

- 10. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 11. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

С



SR 99 / NB - 1ST AVE S TO S LUCILE ST

DATE

SIGN SPACING	= X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MPH	H OR LESS	100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE ÍNTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

# **LEGEND**

WORK ZONE	
TEMPORARY SIGN LOCATION	H
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+7+
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:30:50 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				ו יי ן	WASH	
DESIGNED BY	A. OLSEN				JOB N		
ENTERED BY	A. OLSEN				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



DATE

		SR	99		
DUWAMISH	RIVE	R TO	S	SPOKANE	ST VIC
PAVII	NG 8	& AD	A C	OMPLIANO	E

TRAFFIC CONTROL PLANS

TC13 67 130 SHEETS

Plot 35 PLAN REF NO

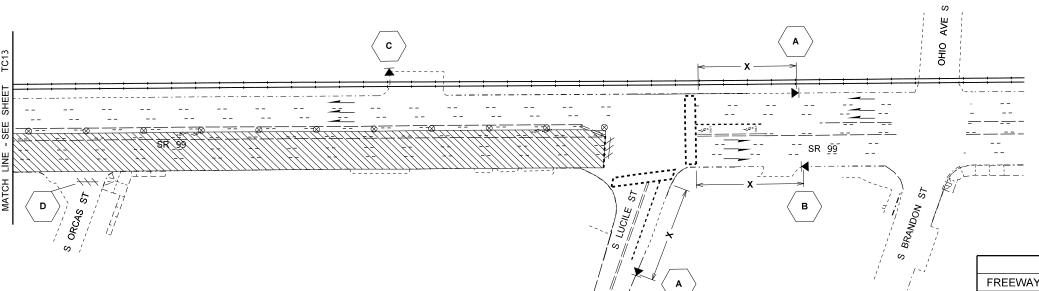
M	IOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
		EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.						
UP	TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
	100' 172' 222'		100'	150'	172'					

LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)										
MPH	TAPER	TANGENT								
50-65	40	80								
35-45	30	60								
20-30	20	40								

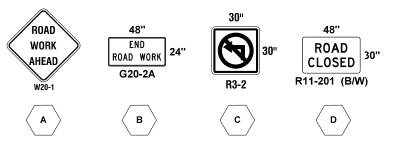
	SHOULDER CLOSURE TAPER LENGTH = L/3												
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65		
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160		
10'		40	40	60	90	90	150	200	200	200	240		
FOR :	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM												



### SIGN SPACING = X (1)FREEWAYS & EXPRESSWAYS 50-75 MPH 1500' +/-RURAL HIGHWAYS 60-65 MPH 800' +/-RURAL ROADS 45-55 MPH 500' +/-35-40 MPH 350' +/-RURAL ROADS & URBAN ARTERIALS RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS 25-30 MPH 200' +/- (2) **URBAN STREETS** 25 MPH OR LESS 100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE ÍNTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. FOR DETOUR ROUTES DETAILS SEE SHEET DU10
- 10. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 11. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



DATE

SR 99 / NB - 1ST AVE S TO S LUCILE ST

DATE

VORK ZONE	
EMPORARY SIGN LOCATION	M
EMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
RAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
ALL CHANNELIZATION DEVICE	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
YPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	(UPO)

PORTABLE CHANGEABLE MESSAGE SIGN PCMS Plot 36 PLAN REF NO

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:30:55 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022				10	WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	A. OLSEN				21A	023	
CHECKED BY	C. ANDERSON				CONTI	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1		



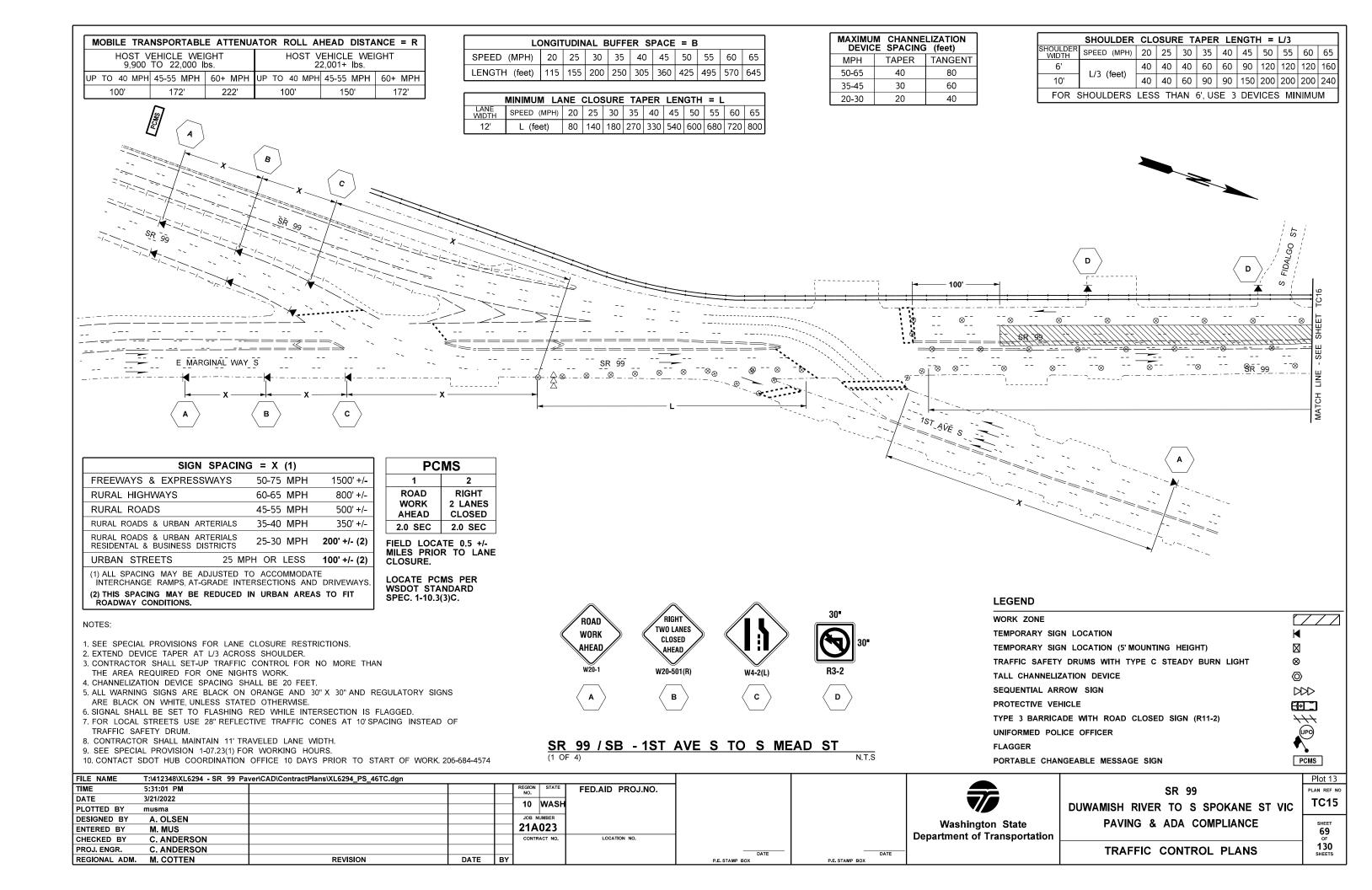
**LEGEND** 

**FLAGGER** 

			SR	99			
DUWAMISH	RIV	ΈR	TO	S	<b>SPOKANE</b>	ST V	IC
PAVII	NG	&	ADA	C	OMPLIANC	<b>=</b>	

130 SHEETS TRAFFIC CONTROL PLANS

TC14



SIGN SPACI	NG = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25	MPH OR LESS	100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

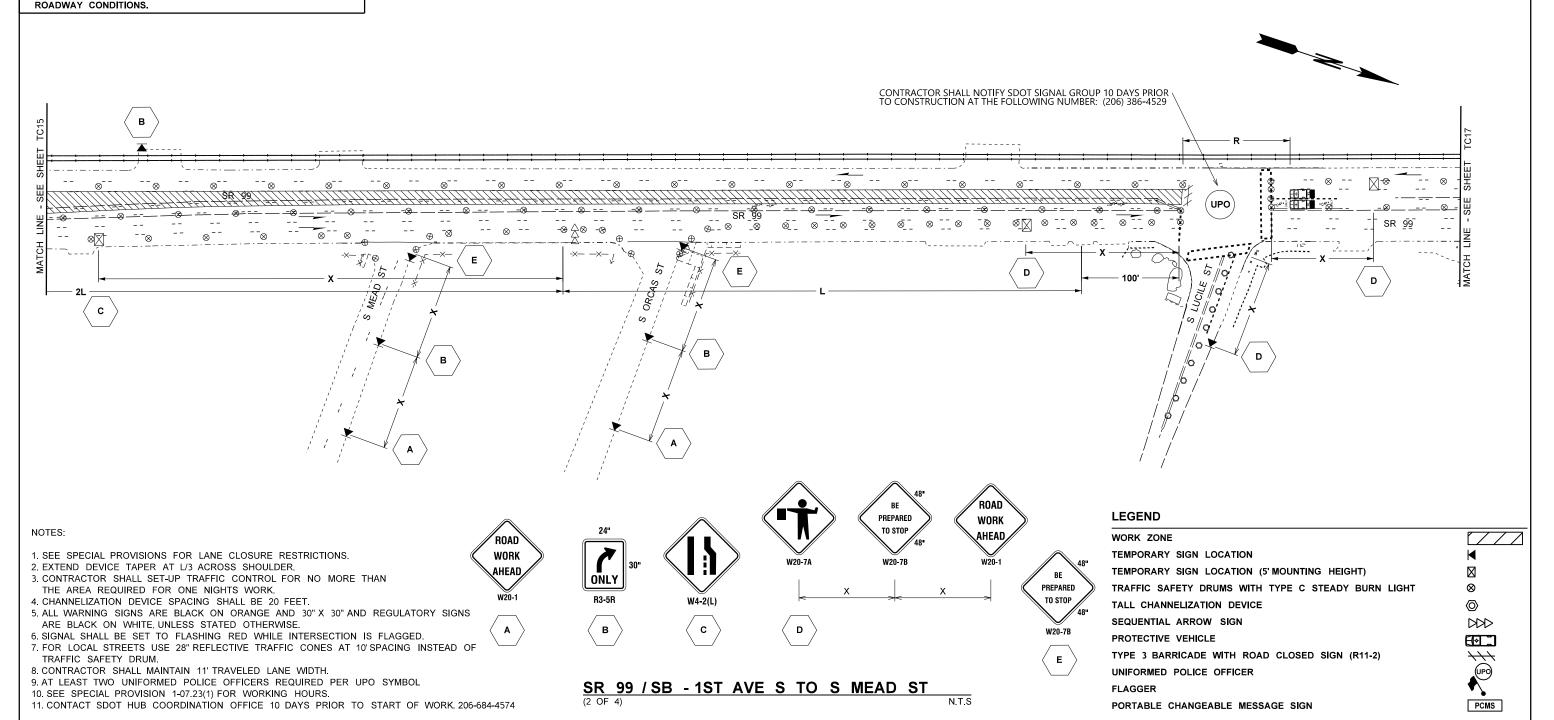
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
	EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.						
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
100'	172'	222'	100'	150'	172'				

MINIMUM LANE CLOSURE TAPER LENGTH = L											
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER	CLC	SUR	E T	APEF	≀ LE	NGTI	H =	L/3		SHOULDER CLOSURE TAPER LENGTH = L/3												
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65												
6'	1 /2 (foot)	40	40	40	60	60	90	120	120	120	160												
10' L/3 (feet) 40 40 60 90 90 150 200 200 200 24										240													
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM																						

LC	ONGIT	UDIN	AL E	UFFE	R S	PACE	= B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645



T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_46TC.dgn FILE NAME TIME REGION NO. FED.AID PROJ.NO. DATE 3/21/2022 10 WASH PLOTTED BY musma JOB NUMBER DESIGNED BY A. OLSEN 21A023 ENTERED BY M. MUS CHECKED BY C. ANDERSON LOCATION NO. PROJ. ENGR. C. ANDERSON DATE BY REGIONAL ADM. M. COTTEN REVISION

Washington State
Department of Transportation

SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE

TRAFFIC CONTROL PLANS

TC16

SHEET
70
OF
130
SHEETS

Plot 14

PLAN REF NO

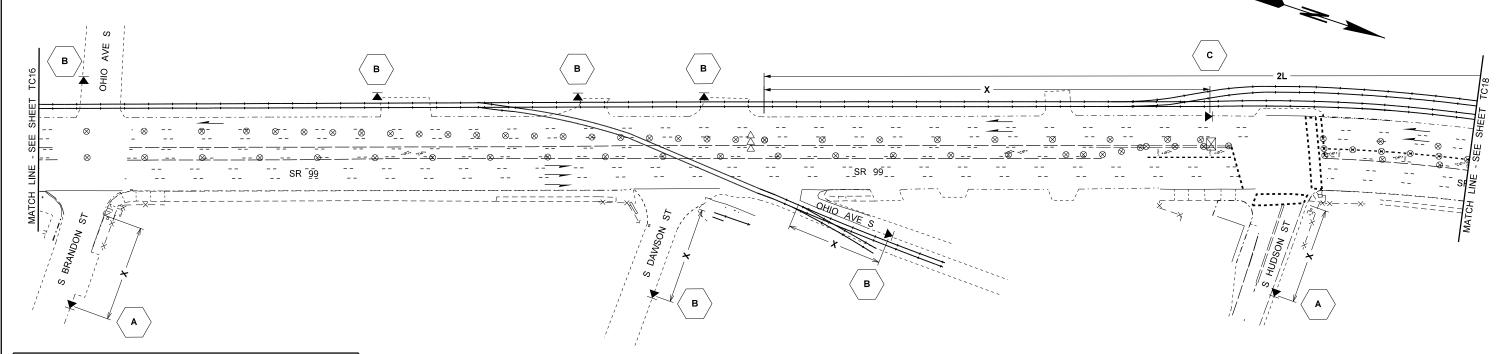
MC	BILE	TRA	NSPORT.	ABLI	E AT	TENU	ATO	R F	ROL	L AI	HEAD	DISTA	NCE	= R
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.						HOST VEHICLE WEIGHT 22,001+ lbs.								
UP -	TO 40 I	MPH	45-55 M	РН	60+	MPH	UP	ТО	40	MPH	45-55	MPH	60+	MPH
	100'		172'		222'			10	00'		15	50'	1	72'

LC	LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65			
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645			

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER	CLC	SUR	E T	APEF	≀ LE	NGTI	H =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										

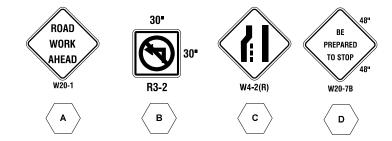


SIGN SPACING	3 = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MF	PH OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED T	O ACCOMMODAT	ΓE

INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS

# NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



# SR 99 / SB - 1ST AVE S TO S MEAD ST

### TEMPORARY SIGN LOCATION TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT) $\boxtimes$ TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT ⊗ TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN PROTECTIVE VEHICLE

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) UNIFORMED POLICE OFFICER **FLAGGER** PORTABLE CHANGEABLE MESSAGE SIGN

SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

	Plot 15
	PLAN REF NO
С	TC17
	SHEET <b>71</b>
	OF.

+/+

UPO UPO

PCMS

T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_46TC.dgn FILE NAME TIME 5:31:09 PM REGION NO. FED.AID PROJ.NO. DATE 3/21/2022 10 WASH PLOTTED BY musma JOB NUMBER DESIGNED BY A. OLSEN 21A023 ENTERED BY M. MUS CHECKED BY C. ANDERSON LOCATION NO. PROJ. ENGR. C. ANDERSON DATE BY REGIONAL ADM. M. COTTEN REVISION

DATE DATE

Washington State **Department of Transportation** 

**LEGEND** 

WORK ZONE

TRAFFIC CONTROL PLANS

MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
	EHICLE WEI		HOST VEHICLE WEIGHT 22,001+ lbs.						
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
100'	172'	222'	100'	150'	172'				

LC	LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65			
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645			

ſ		MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
	LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
Γ	12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC		CHANNELIZATION SPACING (feet)				
MPH	TAPER	TANGENT				
50-65	40	80				
35-45	30	60				
20-30	20	40				

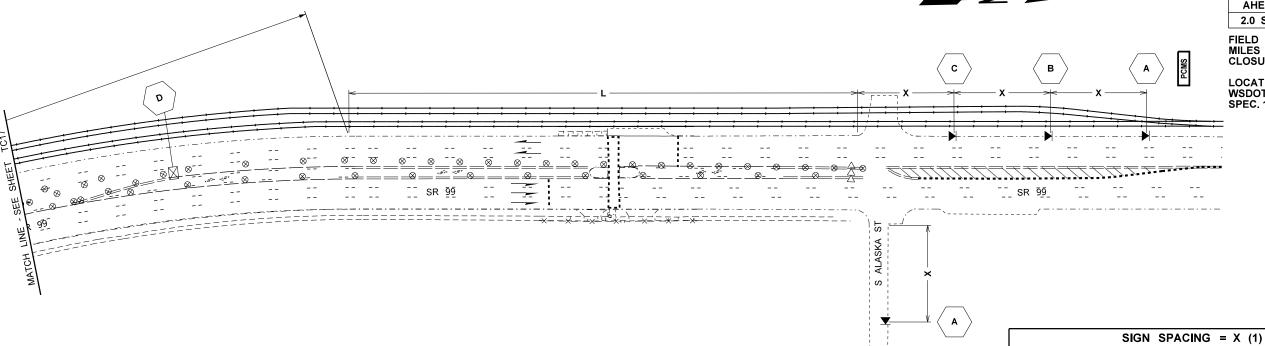
SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH SPEED (MPH) 20 25 30 35 40 45 50 55 60								65			
6'	1 /2 /54)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											



PC	PCINIS						
1	2						
ROAD	LEFT						
WORK	2 LANES						
AHEAD	CLOSED						
2.0 SEC	2.0 SEC						

FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.



### FREEWAYS & EXPRESSWAYS 1500' +/-50-75 MPH RURAL HIGHWAYS 60-65 MPH 800' +/-RURAL ROADS 45-55 MPH 500' +/-RURAL ROADS & URBAN ARTERIALS 35-40 MPH 350' +/-RURAL ROADS & URBAN ARTERIALS 25-30 MPH 200' +/- (2) RESIDENTAL & BUSINESS DISTRICTS 100' +/- (2) **URBAN STREETS** 25 MPH OR LESS (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE

INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

# NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574





В



С

DATE



ONLY



SR 99 / SB - 1ST AVE S TO S MEAD ST (4 OF 4)

Washington State	l
Department of Transportation	L

**LEGEND** WORK ZONE

TEMPORARY SIGN LOCATION

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

	Plot ·
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS
FLAGGER	
UNIFORMED POLICE OFFICER	UPO
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+7+
PROTECTIVE VEHICLE	
SEQUENTIAL ARROW SIGN	DDD
TALL CHANNELIZATION DEVICE	<b>(</b>
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$

SR 99 PLAN REF NO DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE **72** TRAFFIC CONTROL PLANS

TC18 130 SHEETS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:13 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1		

MOB	ILE TRA	NSPORTABL	E ATTENU	ATO	R F	ROL	L A	HEAD	DISTA	NCE	= R
	HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.							'EHICL 2,001+		GHT	
UP TO	40 MPH	45-55 MPH	60+ MPH	UP	то	40	MPH	45-55	MPH	60+	MPH
-	100' 172' 222'				10	00'		15	60'	1	72'

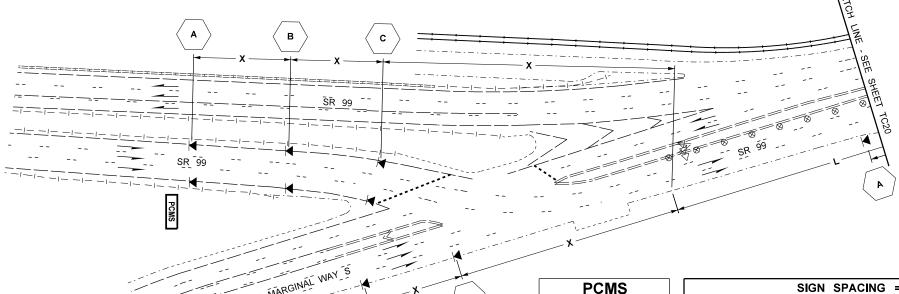
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER	CLC	SUR	E T	APEF	≀ LE	NGTI	H =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	1 /2 /54)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											





ROAD LEFT WORK 2 LANES CLOSED AHEAD 2.0 SEC 2.0 SEC

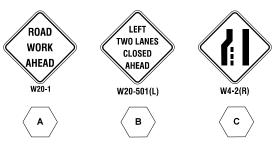
FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

SIGN SPACING	S = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MP	H OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED TO	ACCOMMODAT	F

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE
INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



SR 99 / SB - S MEAD ST TO S LUCILE ST

DATE

**LEGEND** 

WORK ZONE TEMPORARY SIGN LOCATION TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)  $\boxtimes$ TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT ⊗ TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN PROTECTIVE VEHICLE TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) +/+ UPO UPO UNIFORMED POLICE OFFICER FLAGGER PORTABLE CHANGEAE PCMS

BLE	MESSAGE	SIGN			
		SR	99		

FILE NAME	T \412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:17 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					NASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN				JOB NUM		
ENTERED BY	M. MUS				21A0	)23	
CHECKED BY	C. ANDERSON				CONTRAC	CT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

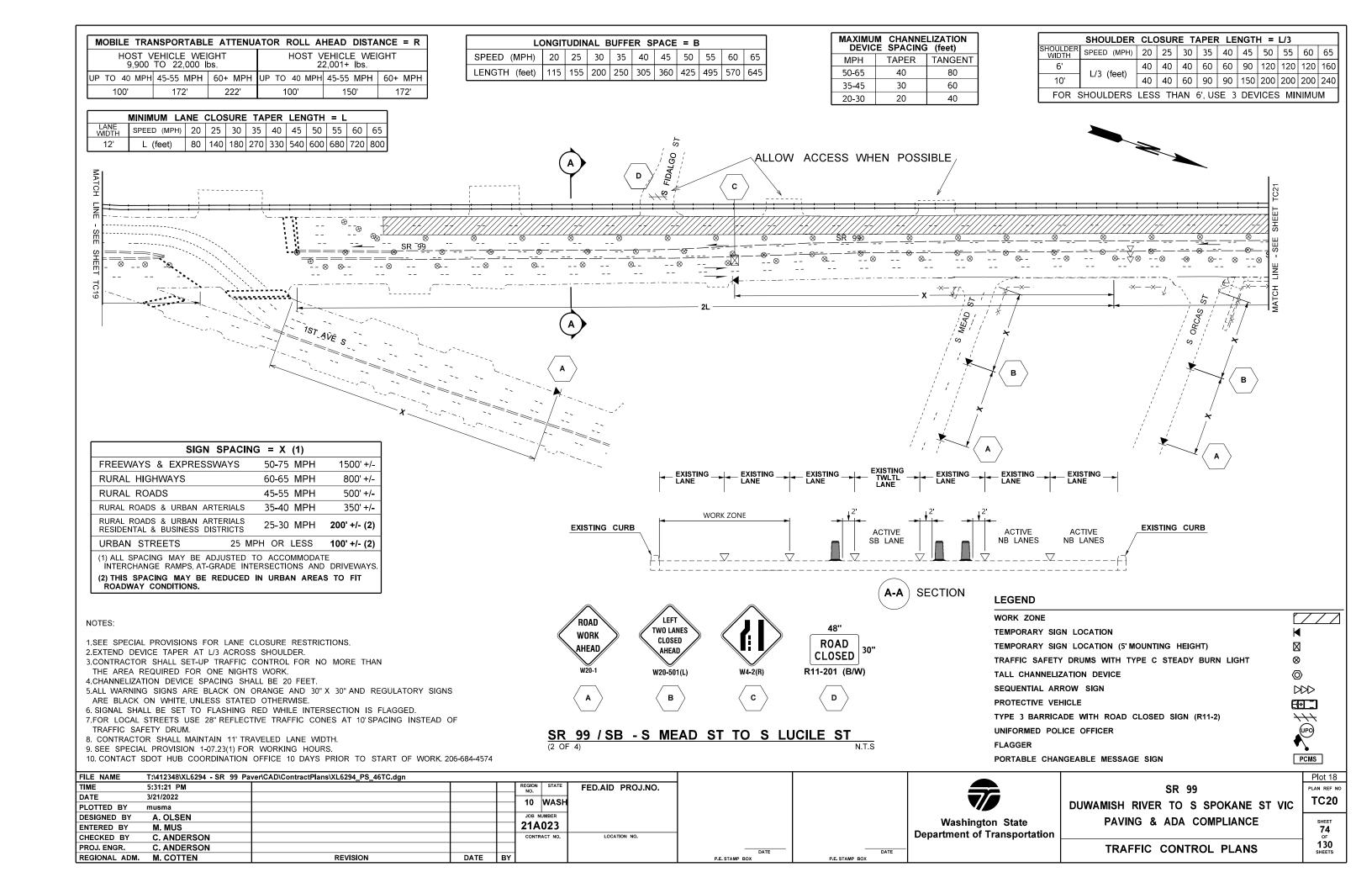


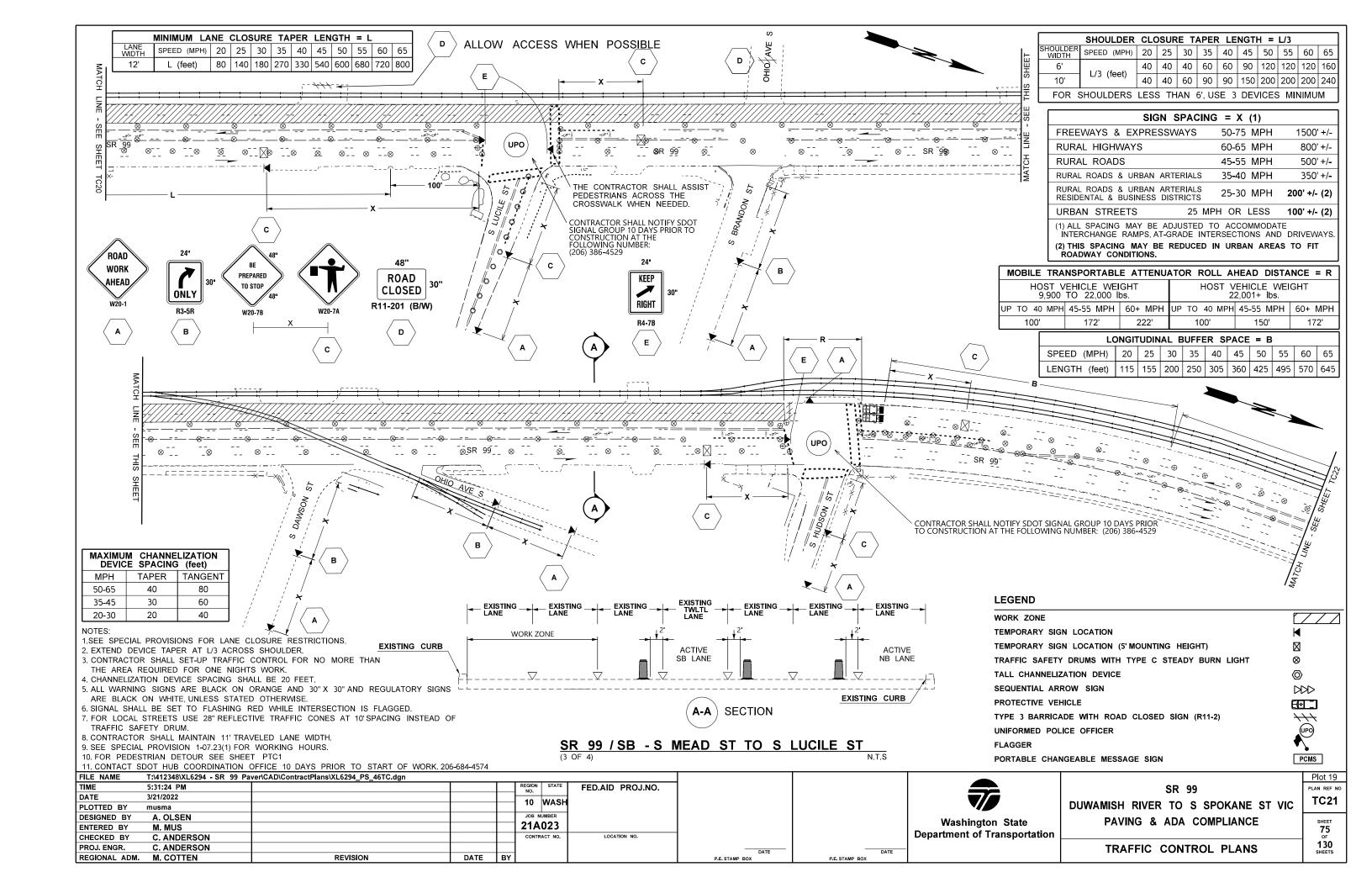
DATE

DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

TC19 **73** 130 SHEETS TRAFFIC CONTROL PLANS

Plot 17 PLAN REF NO





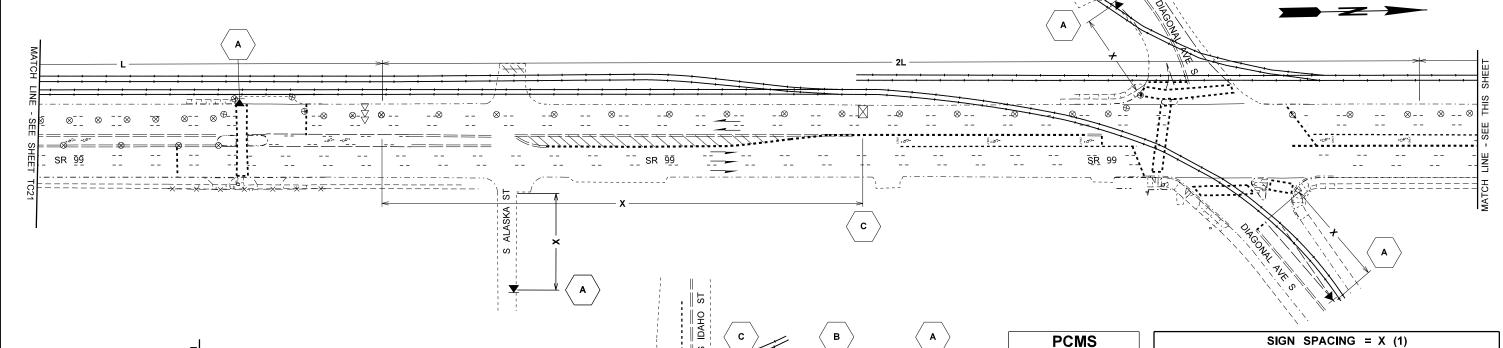
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R		
	/EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.				
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH		
100'	172'	222'	100'	150'	172'		

LC	DNGIT	UDIN	AL E	UFFE	R SI	PACE	= B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										



1 2
ROAD RIGHT
WORK 2 LANES
AHEAD CLOSED
2.0 SEC 2.0 SEC

FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

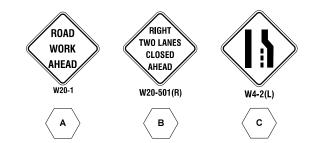
SIGN SP	ACING = X (1)	
FREEWAYS & EXPRESSWA	YS 50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTER	IALS 35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTER RESIDENTAL & BUSINESS DISTRI		200' +/- (2)
URBAN STREETS	25 MPH OR LESS	100' +/- (2)
<b>I</b>		

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

### NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 10. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



SR 99 / SB - S MEAD ST TO S LUCILE ST

N.T.S

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	H
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	8
TALL CHANNELIZATION DEVICE	<b>(a)</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:28 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN				JOB NUMBER		
ENTERED BY	M. MUS				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM	M COTTEN	REVISION	DATE	BV	1		



**FLAGGER** 

PORTABLE CHANGEABLE MESSAGE SIGN

SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE

TRAFFIC CONTROL PLANS

TC22

SHEET 76 OF 130 SHEETS

Plot 20

PCMS

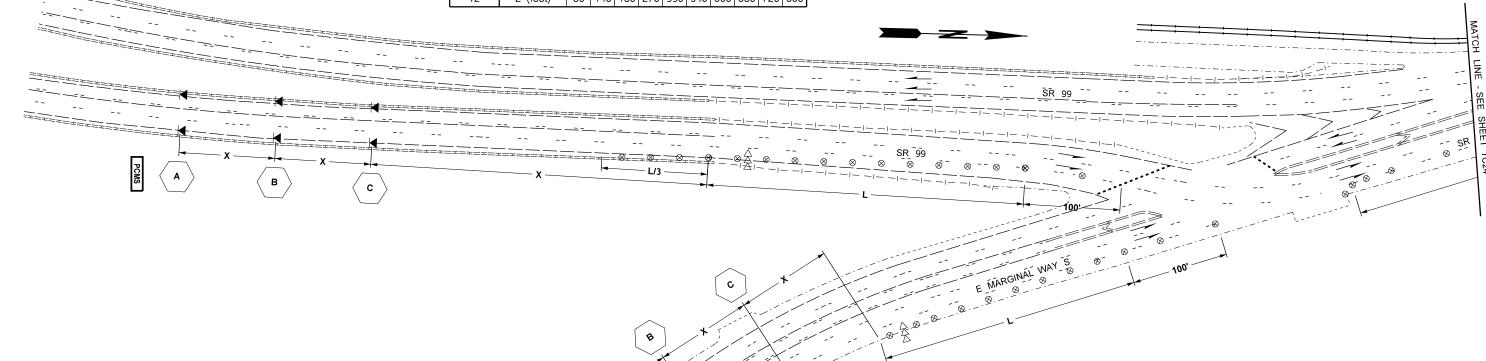
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
	EHICLE WEI TO 22,000 II		HOST VEHICLE WEIGHT 22,001+ lbs.						
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH 45-55 MPH 60+ MPH						
100'	172'	222'	22' 100' 150' 172'						

LC	ONGIT	UDIN	AL E	UFFE	R SI	PACE	= B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)						
MPH	TAPER	TANGENT				
50-65	40	80				
35-45	30	60				
20-30	20	40				

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	1.72.75.0	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										



TWO LANES

CLOSED

AHEAD

W20-501(R)

В

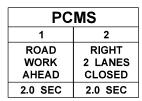
SR 99 / NB - S LUCILE ST TO S HUDSON ST

W4-2(L)

DATE

### NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR DETOUR ROUTES DETAILS SEE SHEET DU1
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 12. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574



FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

SIGN SPACING	6 = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
JRBAN STREETS 25 MP	H OR LESS	100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

### LEGEND

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	0
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO)
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:32 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN				JOB NUMBER		
ENTERED BY	M. MUS				21A	023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1		

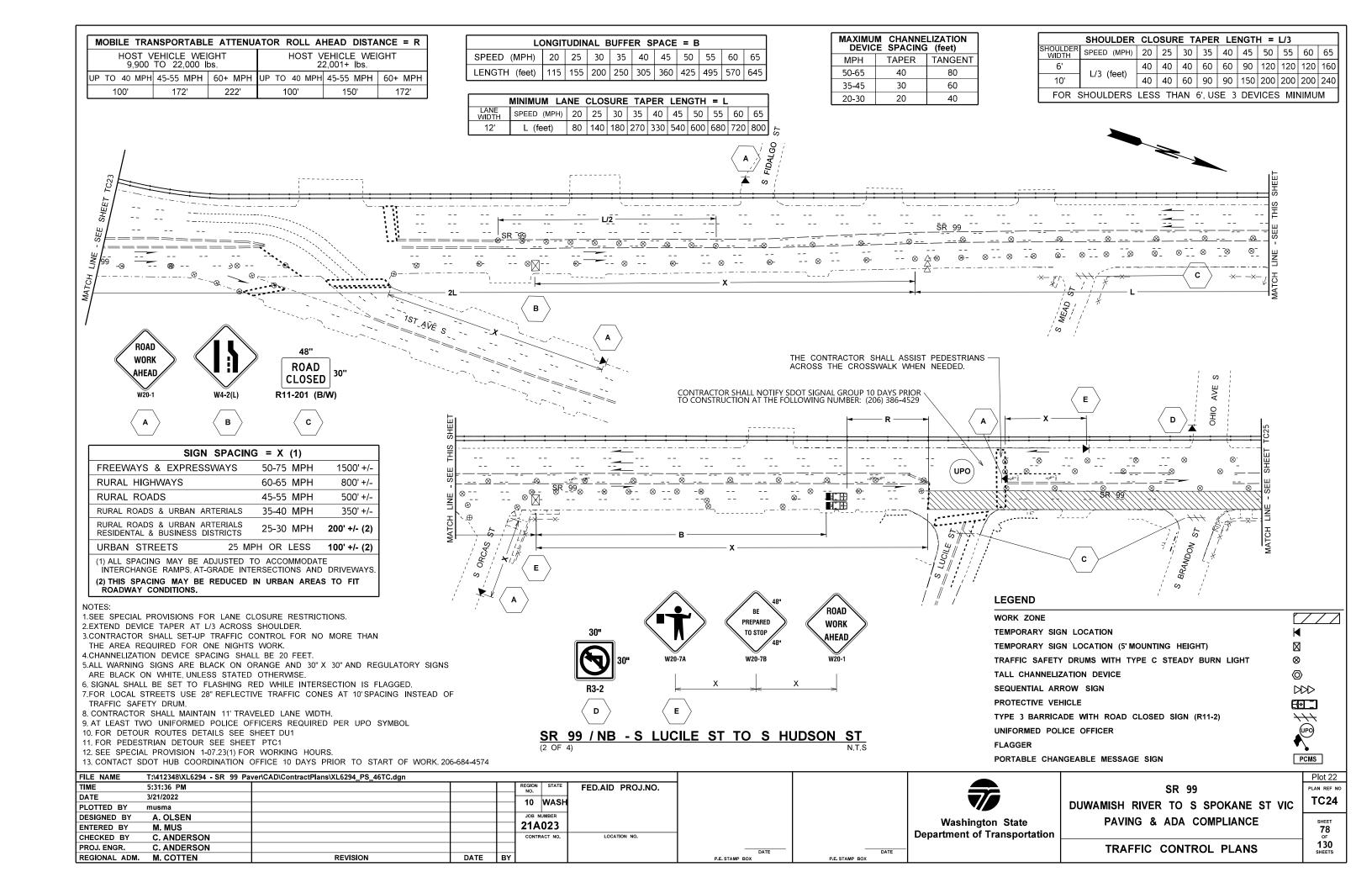


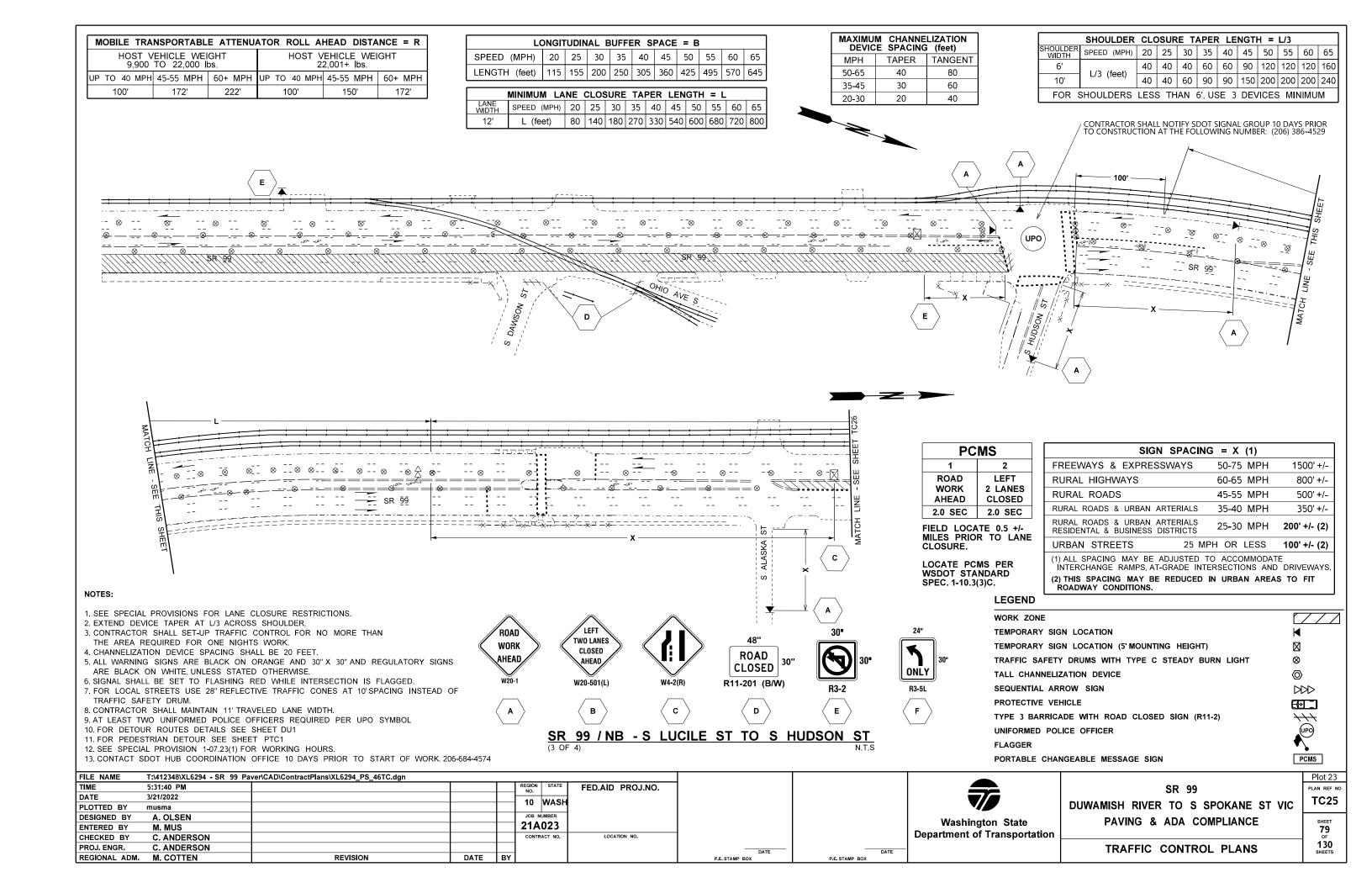
SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE

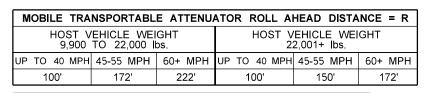
TRAFFIC CONTROL PLANS

Plot 21
PLAN REF NO
TC23

SHEET
77
OF
130
SHEETS





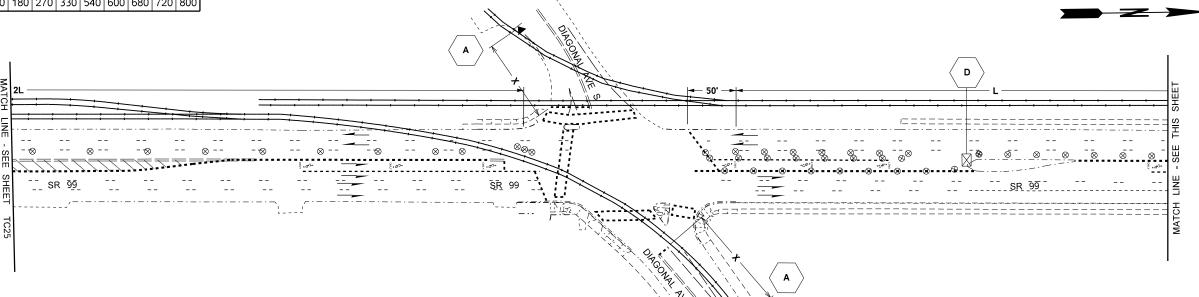


LC	LONGITUDINAL BUFFER SPACE = B													
SPEED (MPH)	SPEED (MPH) 20 25 30 35 40 45 50 55 60 65													
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645				

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65			
6'	1 (2 (54)	40	40	40	60	60	90	120	120	120	160			
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240			
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM														

	MINIMUM LA	NE '	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800



TWO LANES

CLOSED

AHEAD

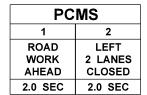
W20-501(R)

В

SR 99 / NB - S LUCILE ST TO S HUDSON ST

NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR DETOUR ROUTES DETAILS SEE SHEET DU1
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 12. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



FIELD LOCATE 0.5 +/-MILES PRIOR TO LANE CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

ONLY

R3-5L

D

DATE

W4-2(L)

С

DATE

SIGN SPACING	= X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MPI	H OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED TO	ACCOMMODAT	E

INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

.EGEND	
VORK ZONE	
EMPORARY SIGN LOCATION	M
EMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	oxtimes
RAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
ALL CHANNELIZATION DEVICE	0
EQUENTIAL ARROW SIGN	DDD
ROTECTIVE VEHICLE	
YPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
INIFORMED POLICE OFFICER	(UPO)
LAGGER	
ORTABLE CHANGEABLE MESSAGE SIGN	PCMS

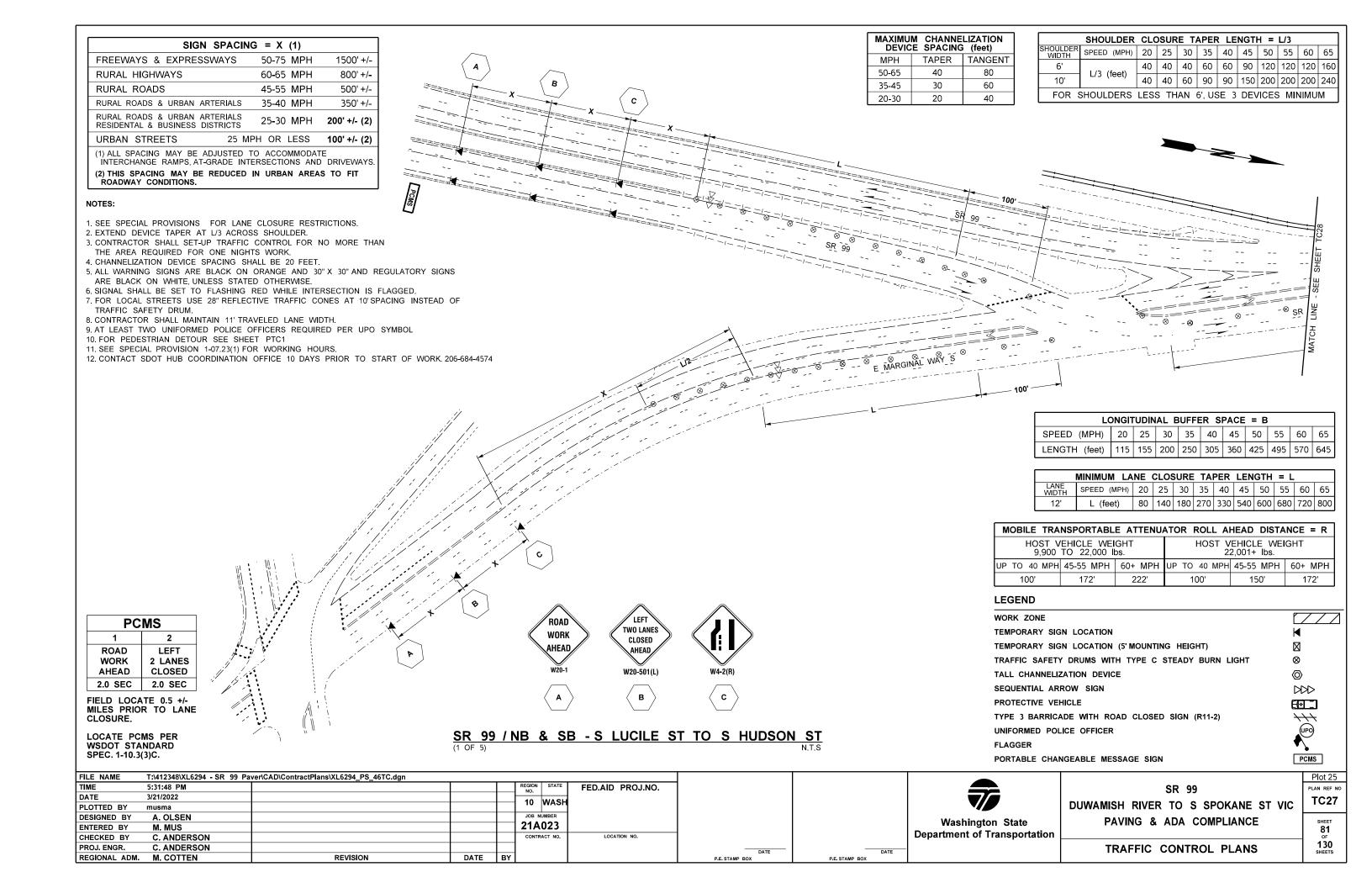
FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:44 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			i I



SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE Washington State **Department of Transportation** 

TRAFFIC CONTROL PLANS

Plot 24 PLAN REF NO TC26 SHEET 80 130 SHEETS



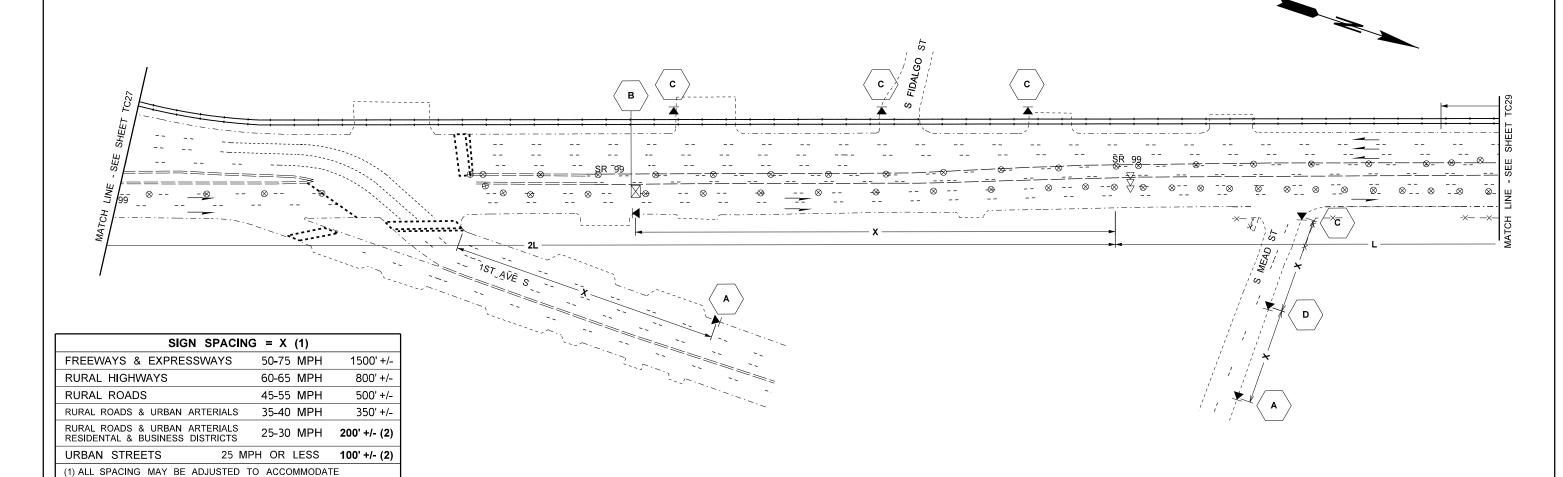
N	IOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
	HOST VEHICLE WEIGHT HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs. 22,001+ lbs.									
UP	TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
	100' 172' 222' 100' 150' 172'									

LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	SPEED (MPH) 20 25 30 35 40 45 50 55 60 65										
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	

ĺ		MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
	LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
ĺ	12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT							
50-65	40	80							
35-45	30	60							
20-30	20	40							

	SHOULDER CLOSURE TAPER LENGTH = L/3												
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65		
6'	1 /2 /54)	40	40	40	60	60	90	120	120	120	160		
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240		
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													



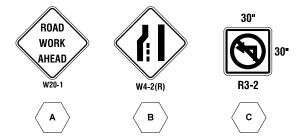
## NOTES:

ROADWAY CONDITIONS.

1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.

INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT

- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 11. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 12. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



# SR 99 / NB & SB - S LUCILE ST TO S HUDSON ST

DATE

R3-5R

D

DATE

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	H
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	0
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+7+
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

₽ F	PCMS
	Plot 26
	PLAN REF NO
ST VIC	TC28

82 of 130 sheets

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:52 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



SR 99	PL
UWAMISH RIVER TO S SPOKANE ST VIC	•
PAVING & ADA COMPLIANCE	
TRAFFIC CONTROL PLANS	

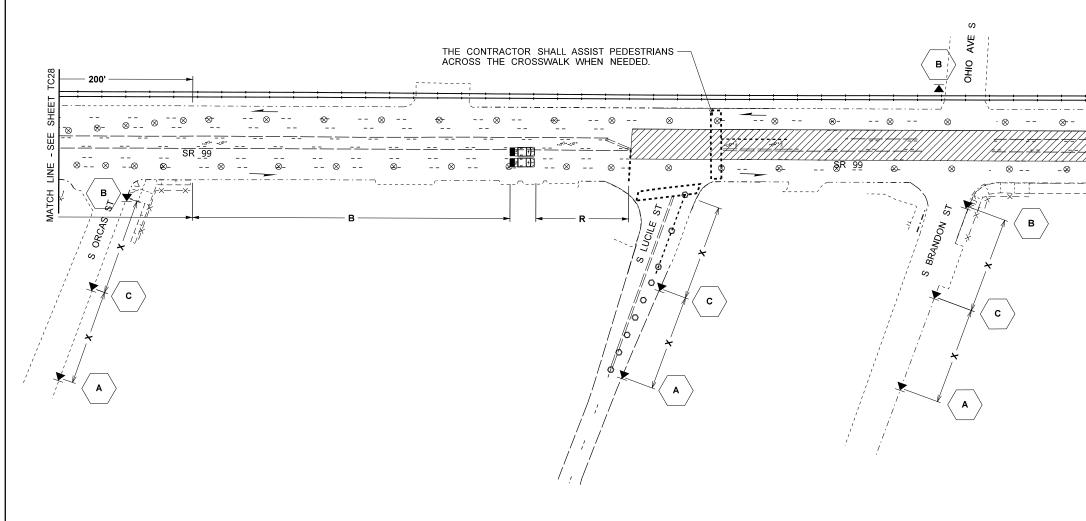
MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
HOST VEHICLE WEIGHT HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs. 22,001+ lbs.								
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH 45-55 MPH 60+ MPH					
100'	172'	222'	100' 150' 172'					

LONGITUDINAL BUFFER SPACE = B											
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	

	MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

	MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT								
50-65	40	80								
35-45	30	60								
20-30	20	40								

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH											
6'	1 /2 /54)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										



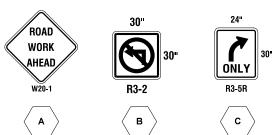
### SIGN SPACING = X (1)FREEWAYS & EXPRESSWAYS 1500' +/-50-75 MPH RURAL HIGHWAYS 60-65 MPH 800' +/-RURAL ROADS 45-55 MPH 500' +/-RURAL ROADS & URBAN ARTERIALS 35-40 MPH 350' +/-RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS 25-30 MPH 200' +/- (2) **URBAN STREETS** 25 MPH OR LESS 100' +/- (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

## NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 11. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 12. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



## SR 99 / NB & SB - S LUCILE ST TO S HUDSON ST

5) N.

DATE

### **LEGEND** WORK ZONE TEMPORARY SIGN LOCATION TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT) $\boxtimes$ TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT ⊗ 0 TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN PROTECTIVE VEHICLE TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) +/+ UPO UPO UNIFORMED POLICE OFFICER **FLAGGER**

PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:31:56 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022				10	WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



DATE

			SR	99			
DUWAMISH	RI\	/ER	TO	S	<b>SPOKANE</b>	ST	VIC
PAV	ING	&	ADA	С	OMPLIANCE	Ē	

TRAFFIC CONTROL PLANS

TC29

SHEET 83
OF 130
SHEETS

PCMS

Plot 27

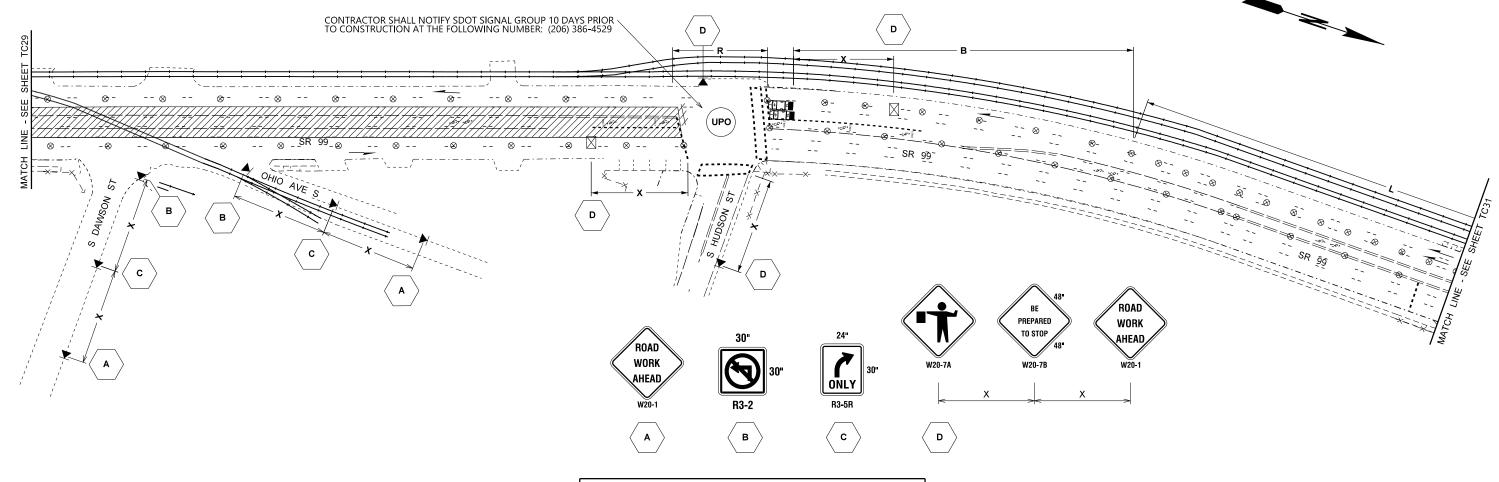
МОВІ	LE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
		EHICLE WEI TO 22,000 II			'EHICLE WEI 2,001+ lbs.	GHT			
UP TO	40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH 45-55 MPH 60+ MF					
10	00'	172'	222'	.' 100' 150' 172'					

LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH) 20 25 30 35 40 45 50 55 60 65								65				
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645		

	MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	80

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	
6'	1.72 (54)	40	40	40	60	60	90	120	120	120	160	
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240	
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM												



### NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN
- THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 11. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 12. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

SIGN SPACING	G = X (1)							
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-						
RURAL HIGHWAYS	60-65 MPH	800' +/-						
RURAL ROADS	45-55 MPH	500' +/-						
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-						
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)						
URBAN STREETS 25 MF	PH OR LESS	100' +/- (2)						
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.								
(2) THIS SPACING MAY BE REDUCED ROADWAY CONDITIONS.	IN URBAN AREA	S TO FIT						

# SR 99 / NB & SB - S LUCILE ST TO S HUDSON ST

DATE

DATE

## **LEGEND**

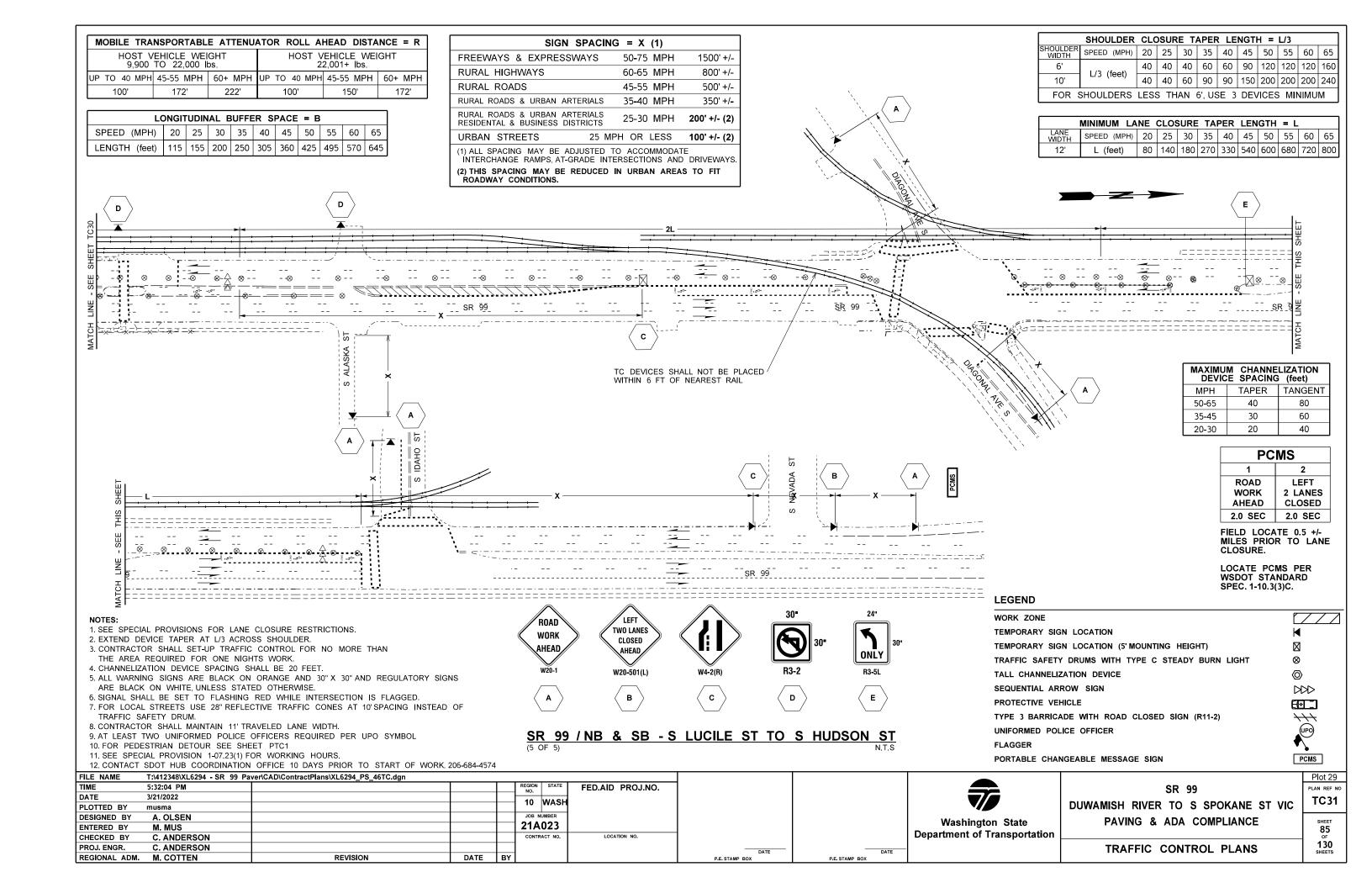
LLOLIND	
WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	0
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

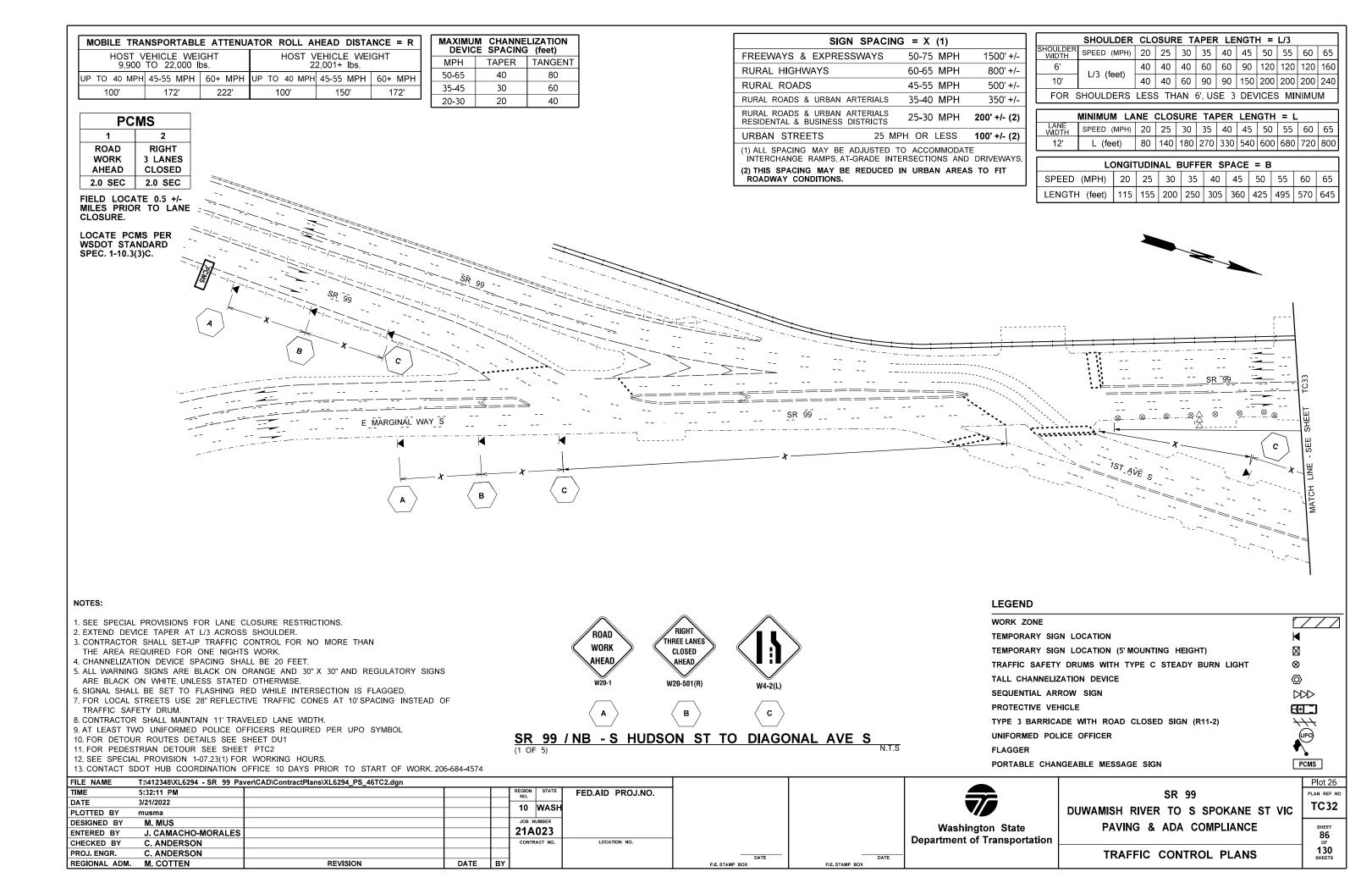
FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn					
TIME	5:32:00 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

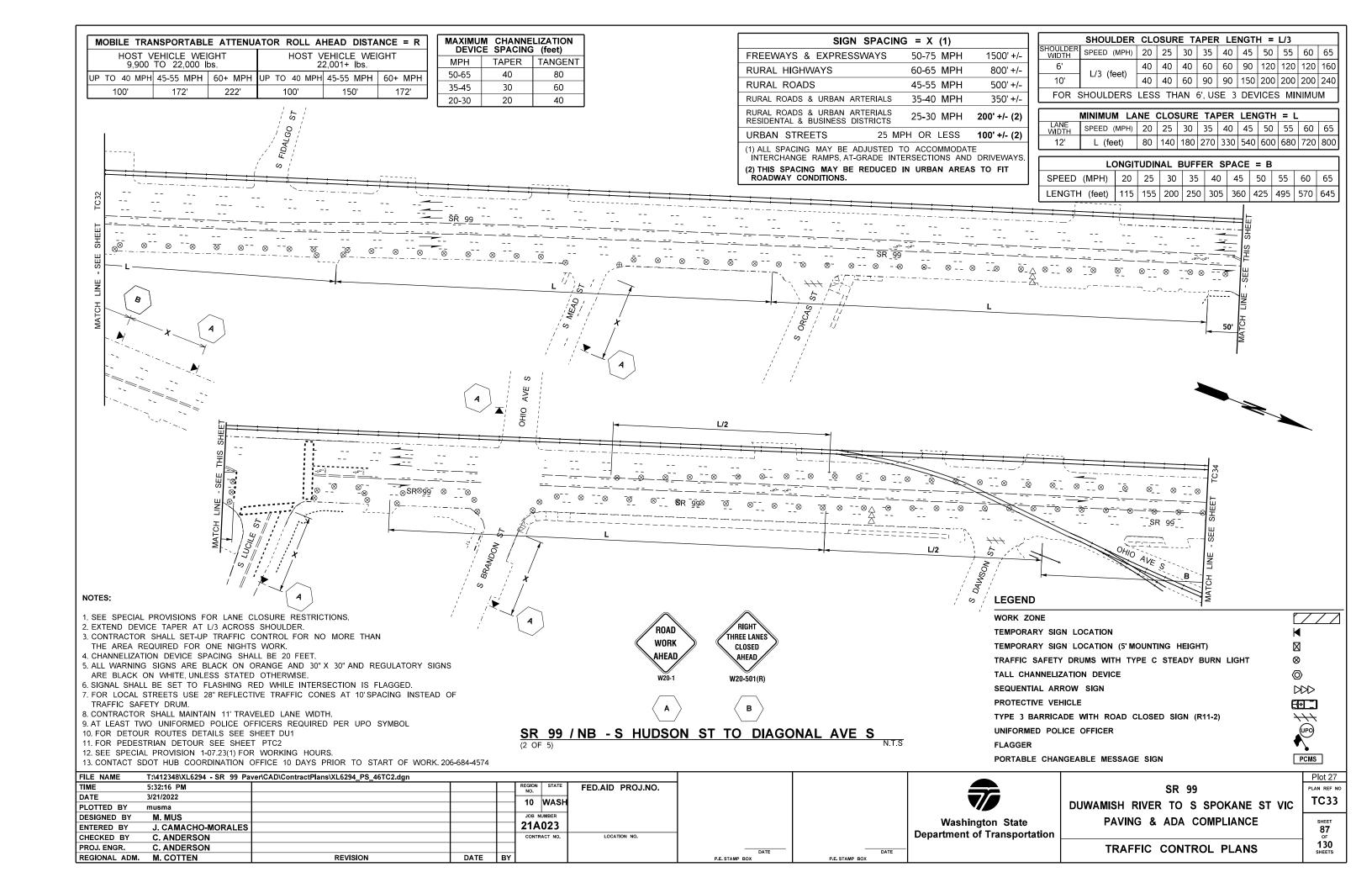
Washington State
Department of Transportation

SR 99									
DUWAMISH RIVER TO S SPOKANE ST VIC									
PAVING & ADA COMPLIANCE									
TRAFFIC CONTROL PLANS									

Plot 28 PLAN REF NO TC30 84 130 SHEETS







М	ОВІ	LE .	TRA	NSPO	RTABL	E AT	TENU	ATO	R F	ROL	L AI	HEAD	DISTA	NCE	= R
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.							HOST VEHICLE WEIGHT 22,001+ lbs.								
UP	ТО	40 I	MPH	45-55	MPH	60+	MPH	UP	ТО	40	MPH	45-55	MPH	60+	MPH
100' 172'				2	22'		10	00'		15	50'	1	72'		

MAXIMUI DEVIC	LIZATION (feet)			
MPH	TAPER	TANGENT		
50-65	40	80		
35-45	30	60		
20-30	20	40		

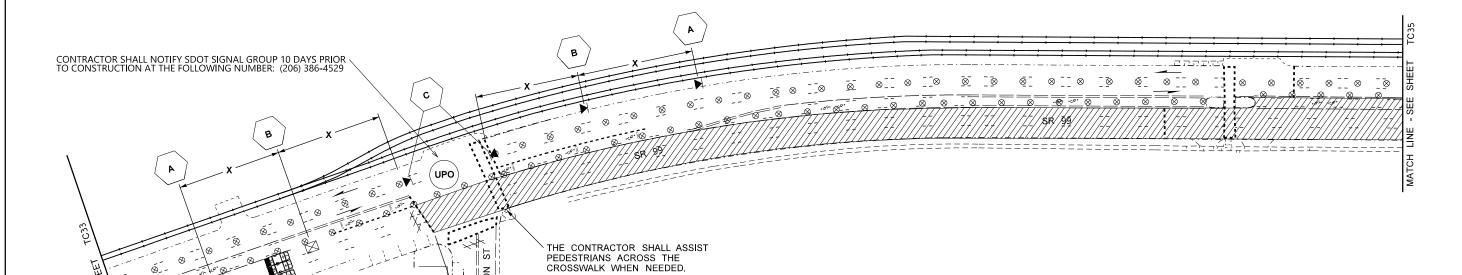
SIGN SPACING	3 = X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MP	PH OR LESS	100' +/- (2)
l		

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS

	SHOULDER	CLC	SUR	E T	APEF	R LE	NGTI	H =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160
10'		40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											

-		MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
	LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
	12'	L (feet)	80	140	180	270	330	540	600	680	720	800
ı		` ′			l							

LC	ONGIT	UDIN	IAL E	BUFFE	R S	PACE	: = B	1		
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645



1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.

2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.

NOTES:

- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
  9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR DETOUR ROUTES DETAILS SEE SHEET DU1
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC2
- 12. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK, 206-684-4574



SR 99 / NB - S HUDSON ST TO DIAGONAL AVE S
(3 OF 5) N.T.S

RIGHT

### **LEGEND** WORK ZONE TEMPORARY SIGN LOCATION TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT) $\boxtimes$ TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT ⊗ TALL CHANNELIZATION DEVICE SEQUENTIAL ARROW SIGN PROTECTIVE VEHICLE TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) +/+ UPO UPO UNIFORMED POLICE OFFICER **FLAGGER** PCMS PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:32:20 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				ן יי ן	WASH	
DESIGNED BY	M. MUS				JOB NU		
ENTERED BY	J. CAMACHO-MORALES				21A	023	
CHECKED BY	C. ANDERSON				CONTRA	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM	I. M. COTTEN	REVISION	DATE	BY			

Washington State **Department of Transportation** 

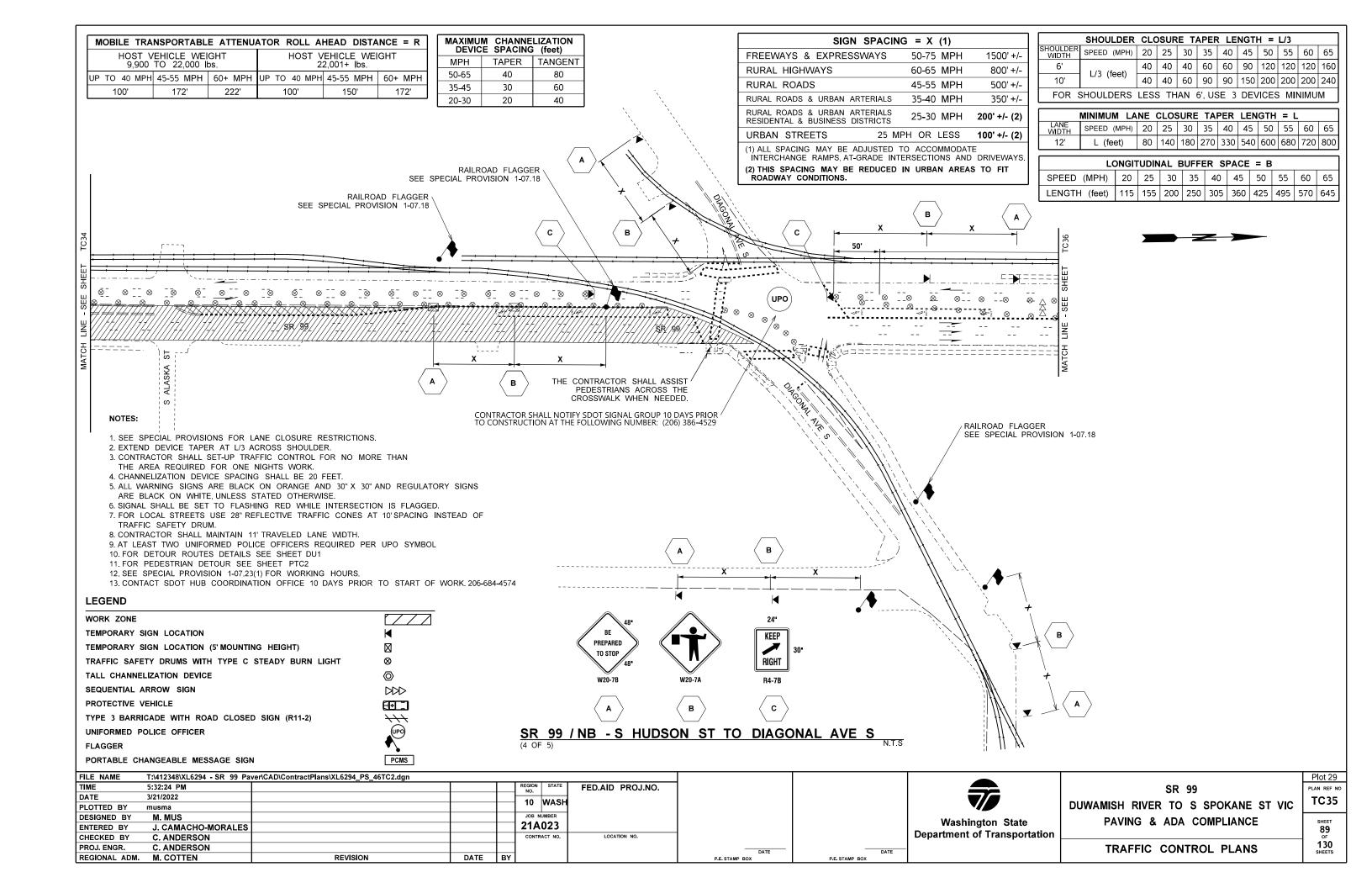
SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

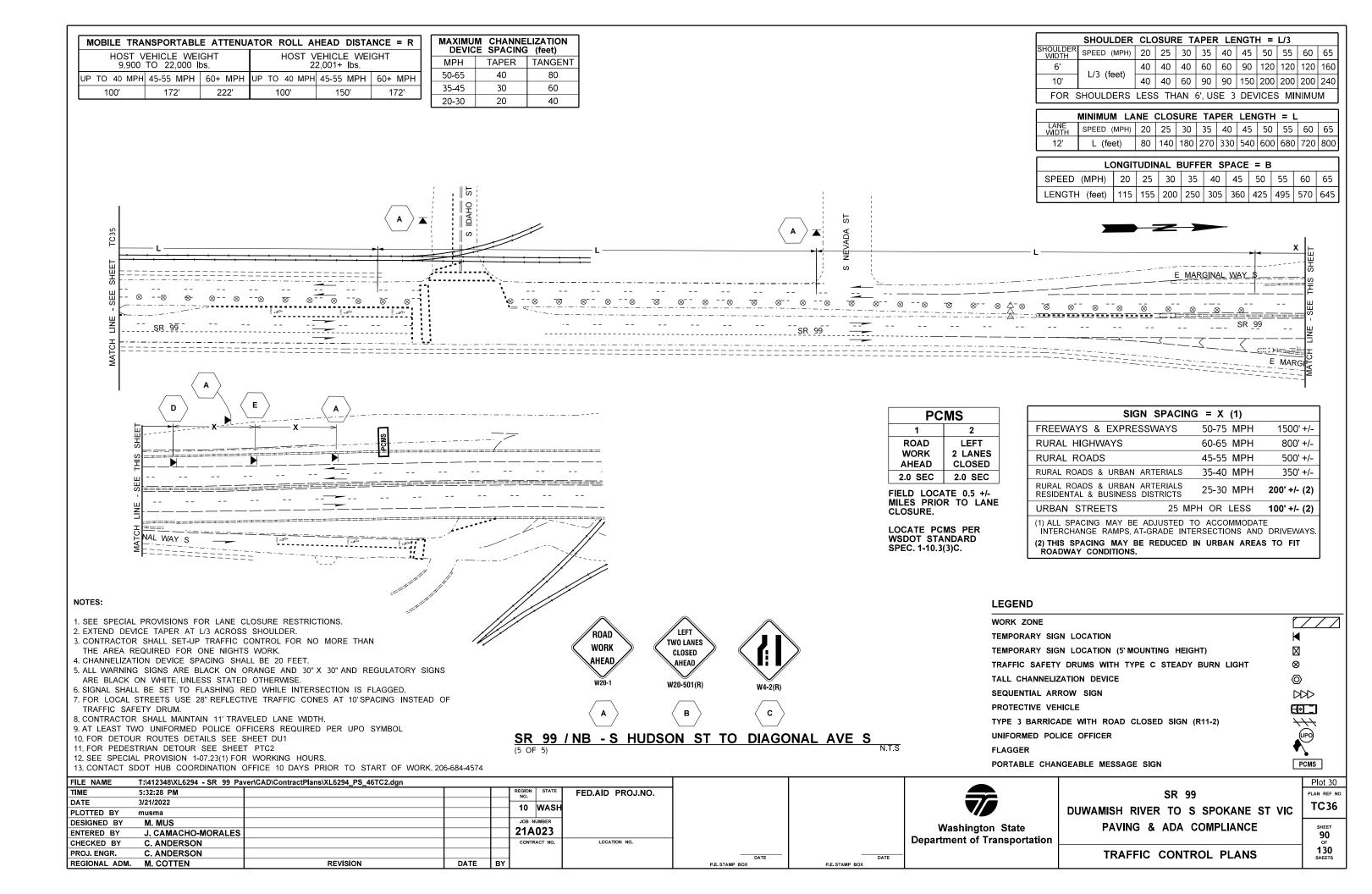
TRAFFIC CONTROL PLANS

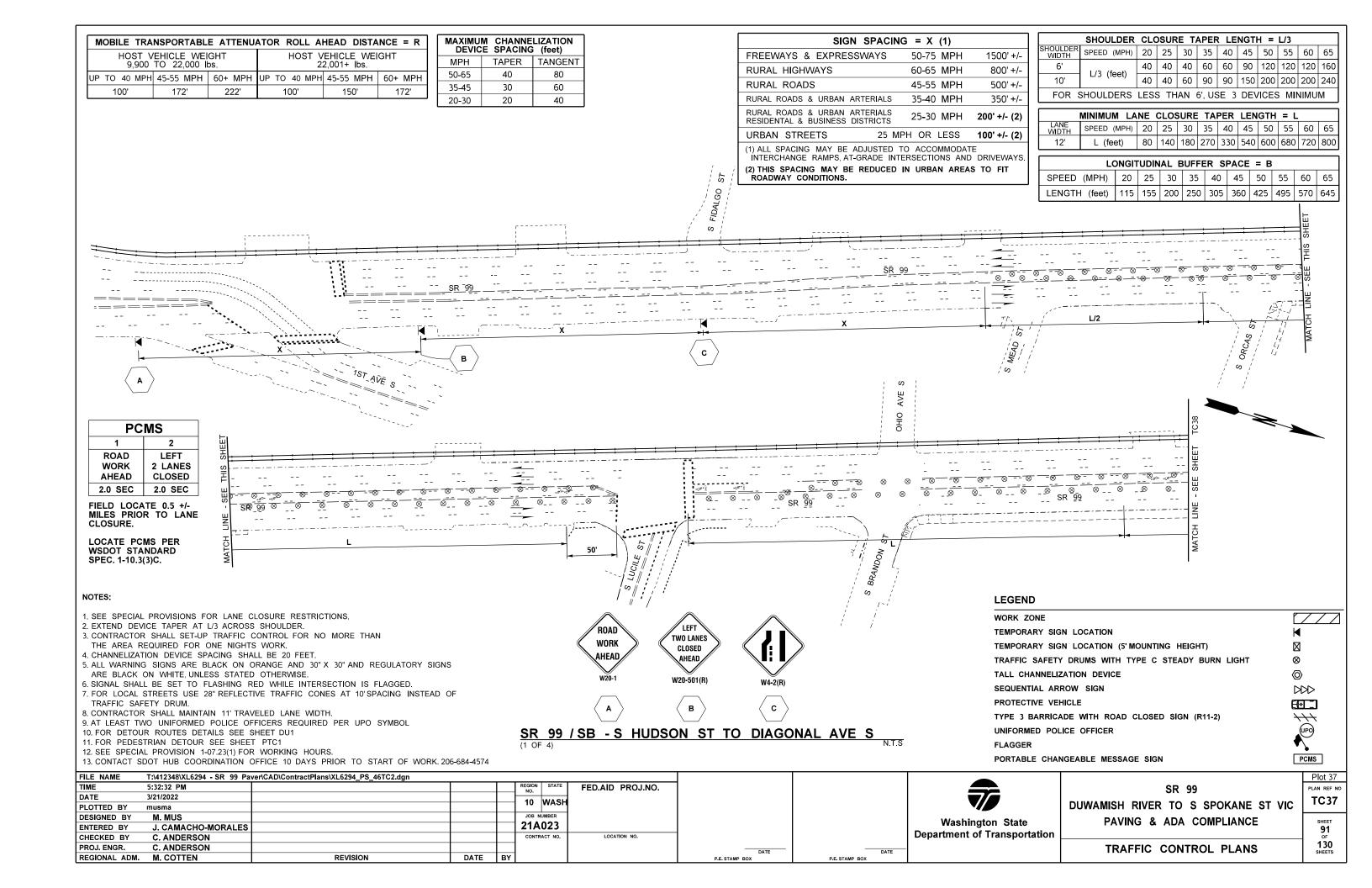
TC34 SHEET 88 130 SHEETS

Plot 28

PLAN REF NO







_											
N	OBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R					
		EHICLE WEI		HOST VEHICLE WEIGHT 22,001+ lbs.							
UP	TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH					
	100' 172' 222'			100'	150'	172'					

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT							
50-65	40	80							
35-45	30	60							
20-30	20	40							

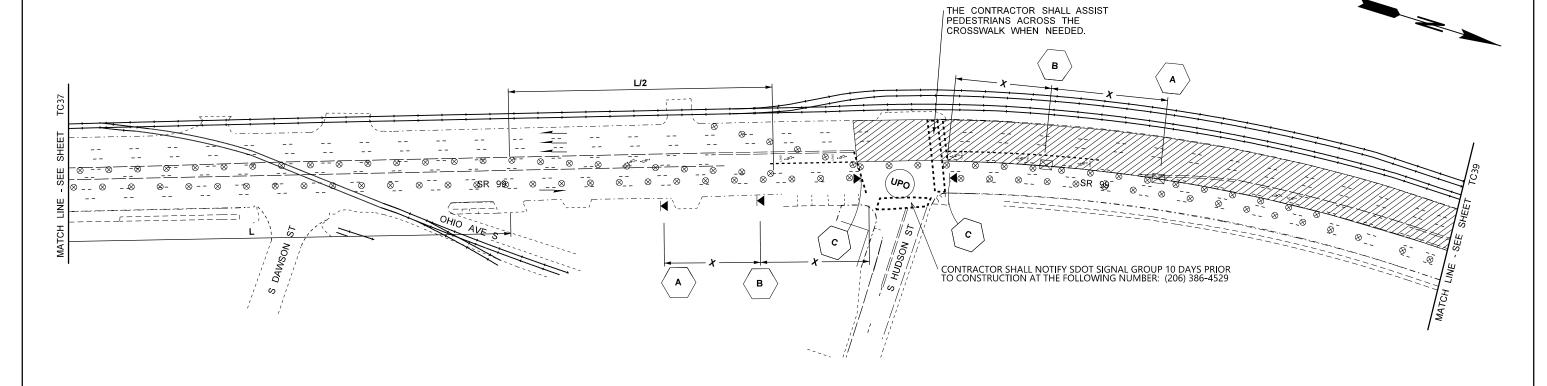
SIGN SF	PACING = X (1)
FREEWAYS & EXPRESSWA	YS 50-75 MPH 1500'+
RURAL HIGHWAYS	60-65 MPH 800' +
RURAL ROADS	45-55 MPH 500'+
RURAL ROADS & URBAN ARTER	RIALS 35-40 MPH 350'+
RURAL ROADS & URBAN ARTER RESIDENTAL & BUSINESS DISTR	
URBAN STREETS	25 MPH OR LESS 100' +/- (

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS

	SHOULDER	CLC	SUR	E T	APEF	≀ LE	NGTI	H =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	1 (2 (54)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										

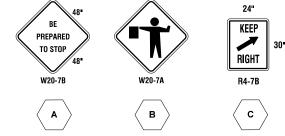
	MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

LC	ONGIT	UDIN	AL E	BUFFE	R S	PACE	. = B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645



### NOTES:

- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. FOR DETOUR ROUTES DETAILS SEE SHEET DU1
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC1
- 12 SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574



SR 99 / SB - S HUDSON ST TO DIAGONAL AVE S N.T.S

DATE

DATE

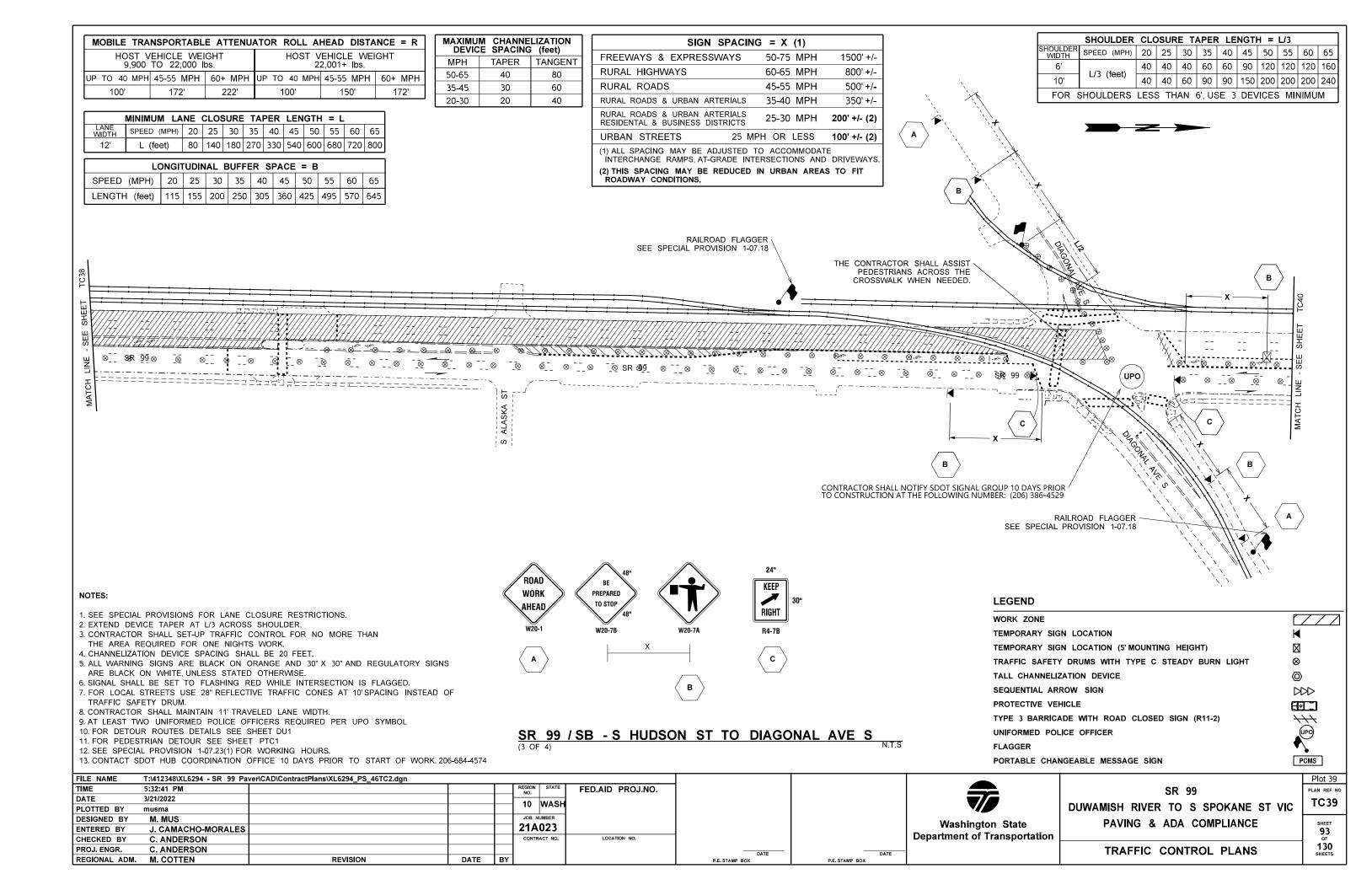
LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	<b>H</b>
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(a)</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO
FLAGGER	•
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

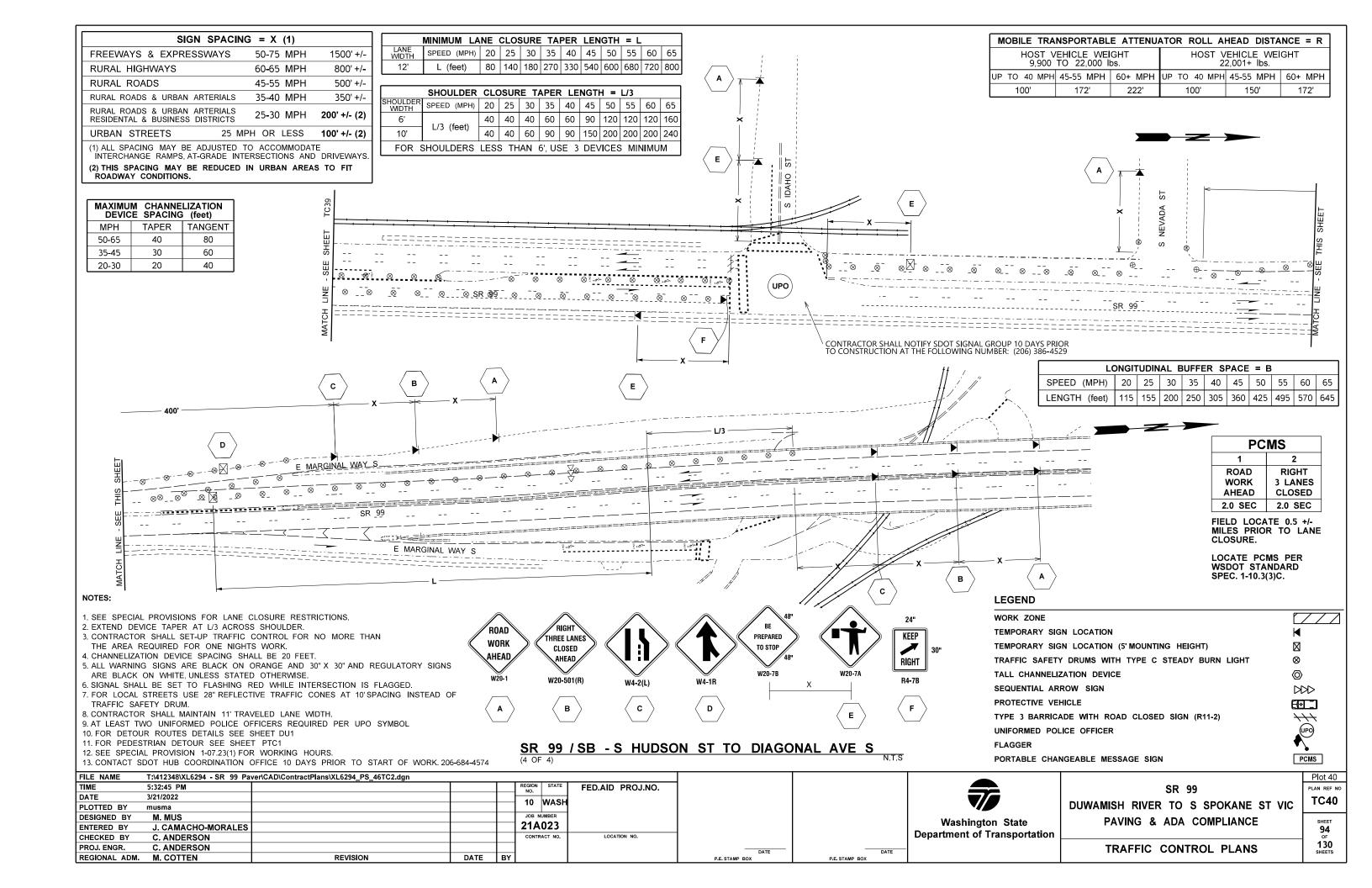
FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn						
TIME	5:32:37 PM				REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	3/21/2022					WASH		
PLOTTED BY	musma				10	WASH		
DESIGNED BY	M. MUS					IUMBER		
ENTERED BY	J. CAMACHO-MORALES				21A	023		
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.	
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

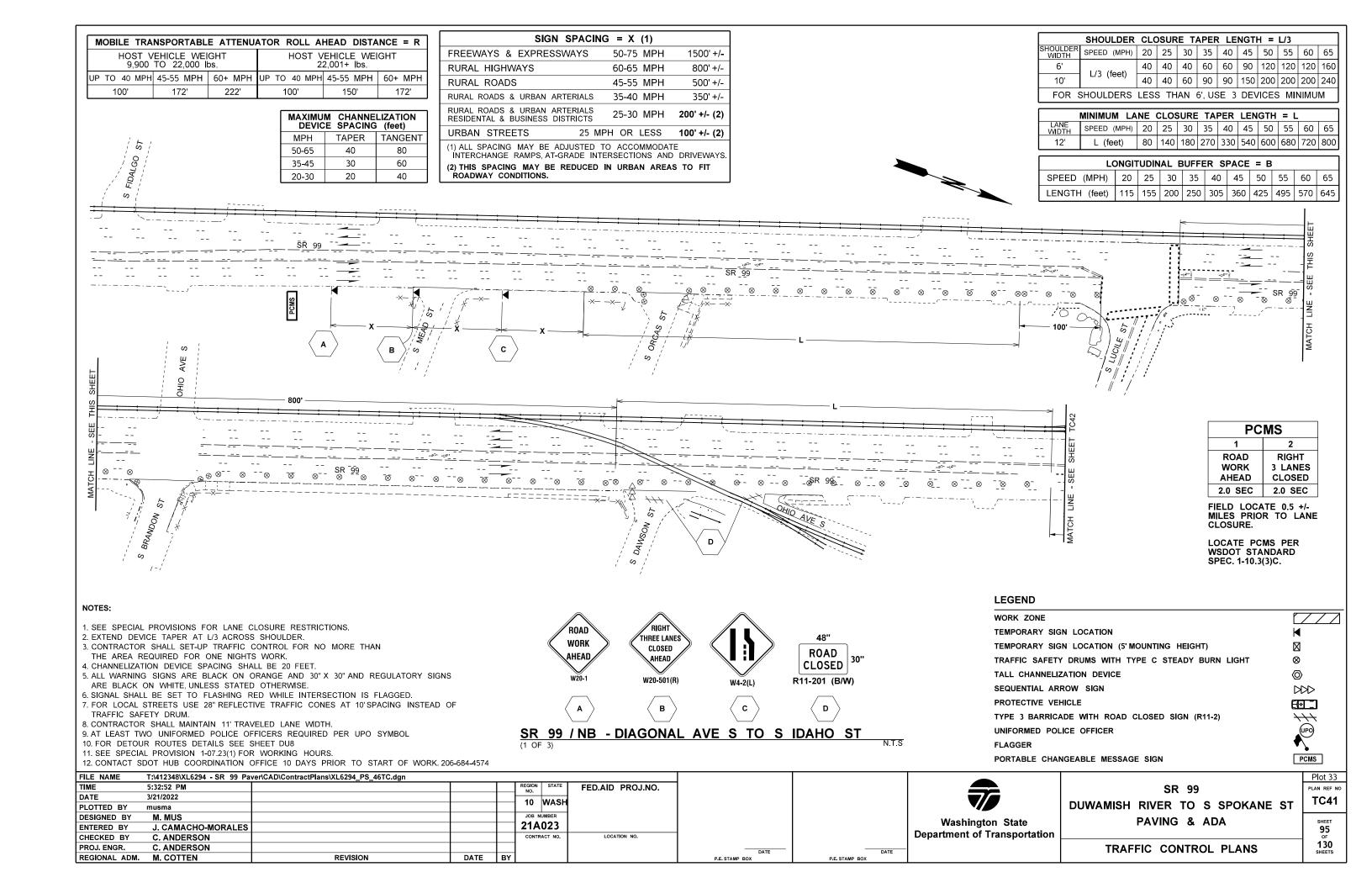


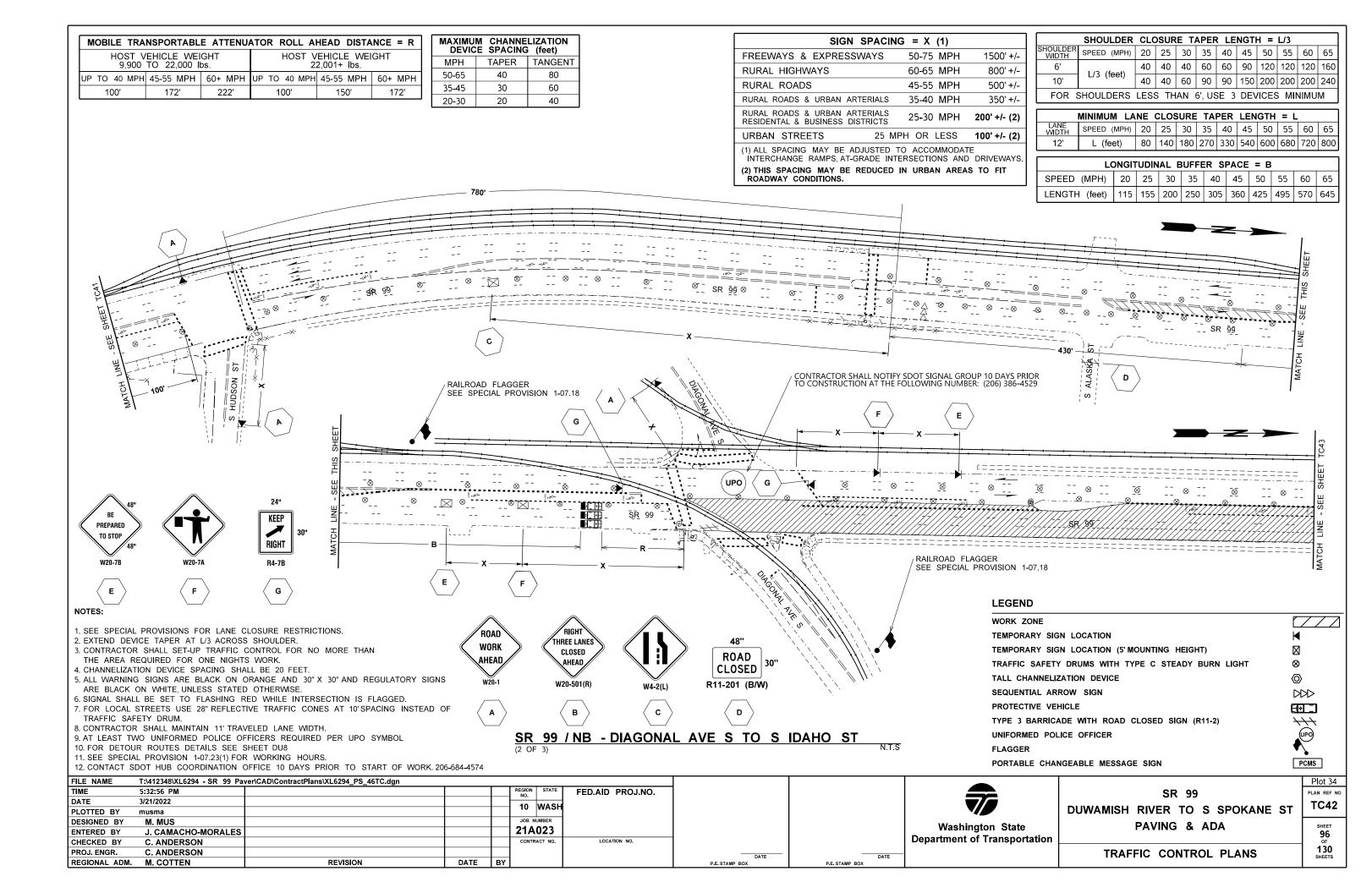
SR 99
DUWAMISH RIVER TO S SPOKANE ST VIC
PAVING & ADA COMPLIANCE
TRAFFIC CONTROL PLANS

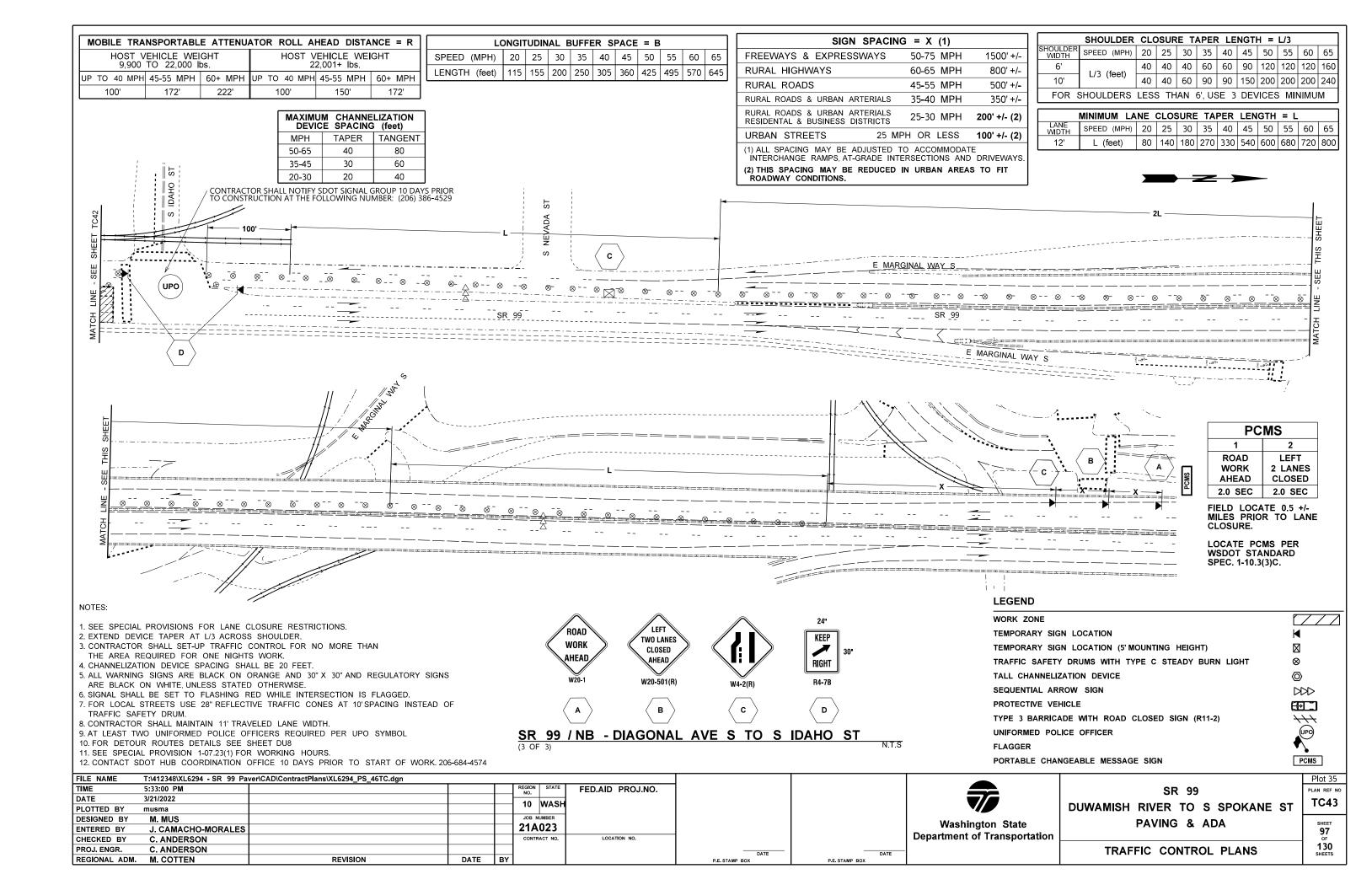
Plot 38 PLAN REF NO TC38 92 130 SHEETS











MOBILE TRA	NSPORTABL	E ATT	ENU	ATO	R R	OL	L AI	HEAD	DISTA	NCE	= R
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.				HOST VEHICLE WEIGHT 22,001+ lbs.							
UP TO 40 MPH	45-55 MPH	60+ <b>N</b>	MPH	H UP TO 40 MPH 45-55 MPH 60+ M					MPH		
100'	' 172' 222'				10	0'		15	50'	1	72'

**PCMS** 

FIELD LOCATE 0.5 +/MILES PRIOR TO LANE

WORK

AHEAD

2.0 SEC

CLOSURE

LEFT

2 LANES

CLOSED

2.0 SEC

	MAXIMUM CHANNELIZATION DEVICE SPACING (feet)								
MPH	TAPER	TANGENT							
50-65	40	80							
35-45	30	60							
20-30	20	40							

4	EUICLE WEI	CUT	DEVIC	E SPACING	(teet)
	'EHICLE WEI 2,001+ lbs.	Gni	MPH	TAPER	TANGE
1	45-55 MPH	60+ MPH	50-65	40	80
	150'	172'	35-45	30	60
_	150	172	20-30	20	40

URBAN STREETS 25 MPH OR LESS (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS

FREEWAYS & EXPRESSWAYS

RURAL ROADS & URBAN ARTERIALS

RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS

RURAL HIGHWAYS

RURAL ROADS

SIGN SPACING = X (1)

50-75 MPH

60-65 MPH

45-55 MPH

35-40 MPH

25-30 MPH **200' +/- (2)** 

1500' +/-

800' +/-

500' +/-

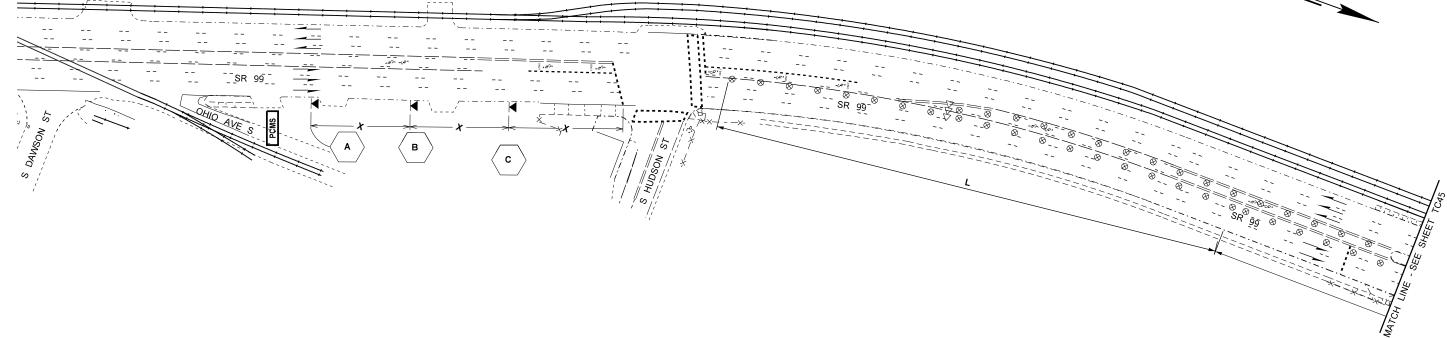
350' +/-

	SHOULDER	CLC	SUR	E T	APEF	≀ LE	NGTI	н =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	1 (2 (54)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	SHOULDERS	LES	S TH	AN	6', US	SE 3	DEV	/ICES	IIM 8	UMIV	М

LANE COFFE (MDL)										
WIDTH SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12' L (feet)	80	140	180	270	330	540	600	680	720	800

LC	ONGIT	UDIN	AL E	BUFFE	R S	PACE	= B	;		
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.								
	·			<del></del>				
			 			/	 	
			 	<del></del>		<del></del>		==
		0410	  	 	<b>4</b>	' ¬,	 ,	 - · -



- 1.SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2.EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3.CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN
- THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4.CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5.ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7.FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10' SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AT LEAST TWO UNIFORMED POLICE OFFICERS REQUIRED PER UPO SYMBOL
- 10. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 11. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

ROAD WORK AHEAD W20-1	LEFT TWO LANES CLOSED AHEAD W20-501(R)	W4-2(R)
<b>A</b>	В	<b>c</b>

SR 99 / SB - DIAGONAL AVE S TO S IDAHO ST

DATE

DATE

LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	H
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(a)</b>
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+7+
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

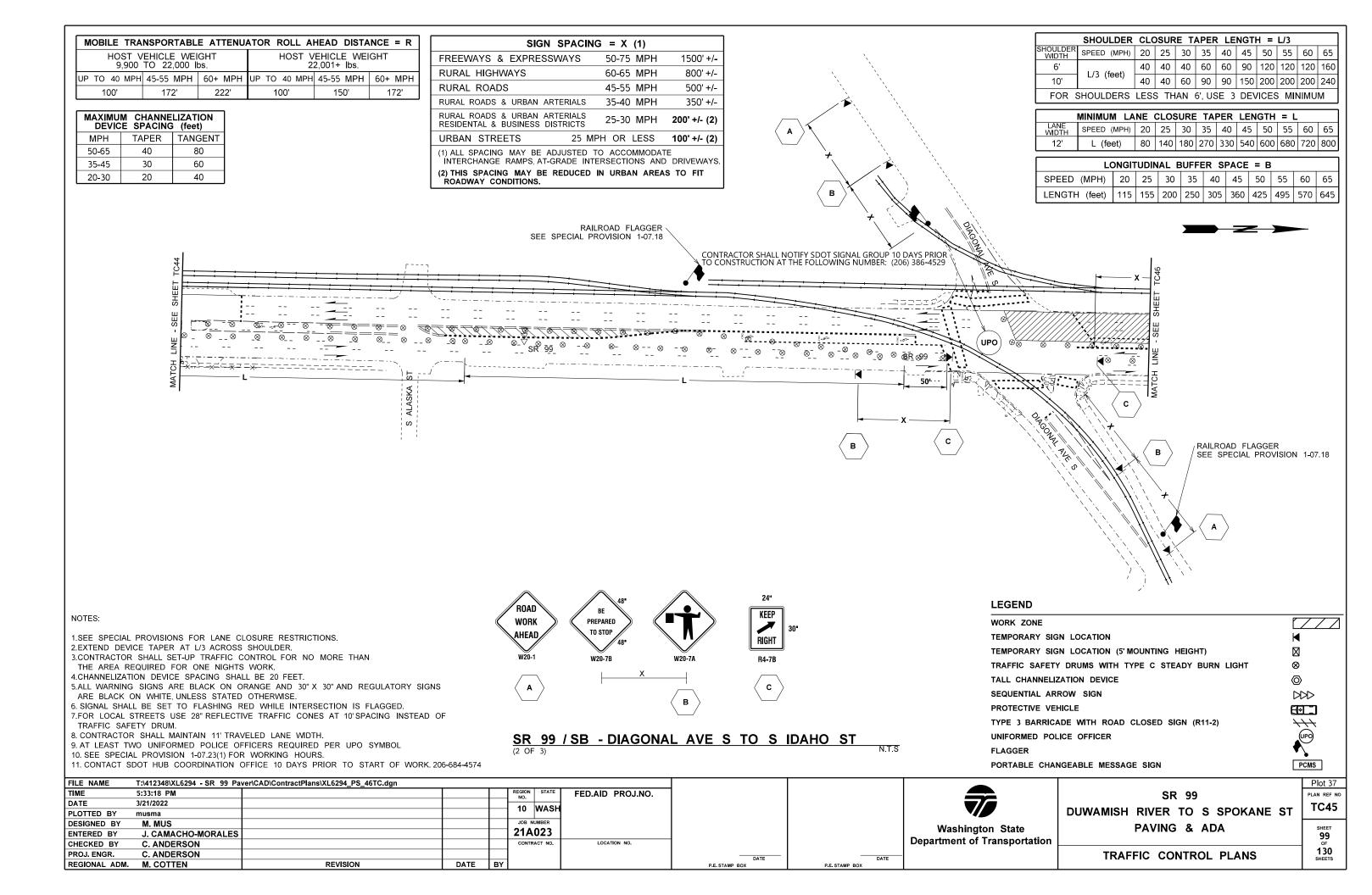
FILE NAME	T:\412348\XL6294 - SR 99 Pay	ver\CAD\ContractPlans\XL6294_PS_46TC.dgn						Γ
TIME	5:33:15 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	3/21/2022					WASH		1
PLOTTED BY	musma				10	WASH		l
DESIGNED BY	M. MUS					IUMBER		1
ENTERED BY	J. CAMACHO-MORALES				21A	023		1
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	C. ANDERSON							1
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				1

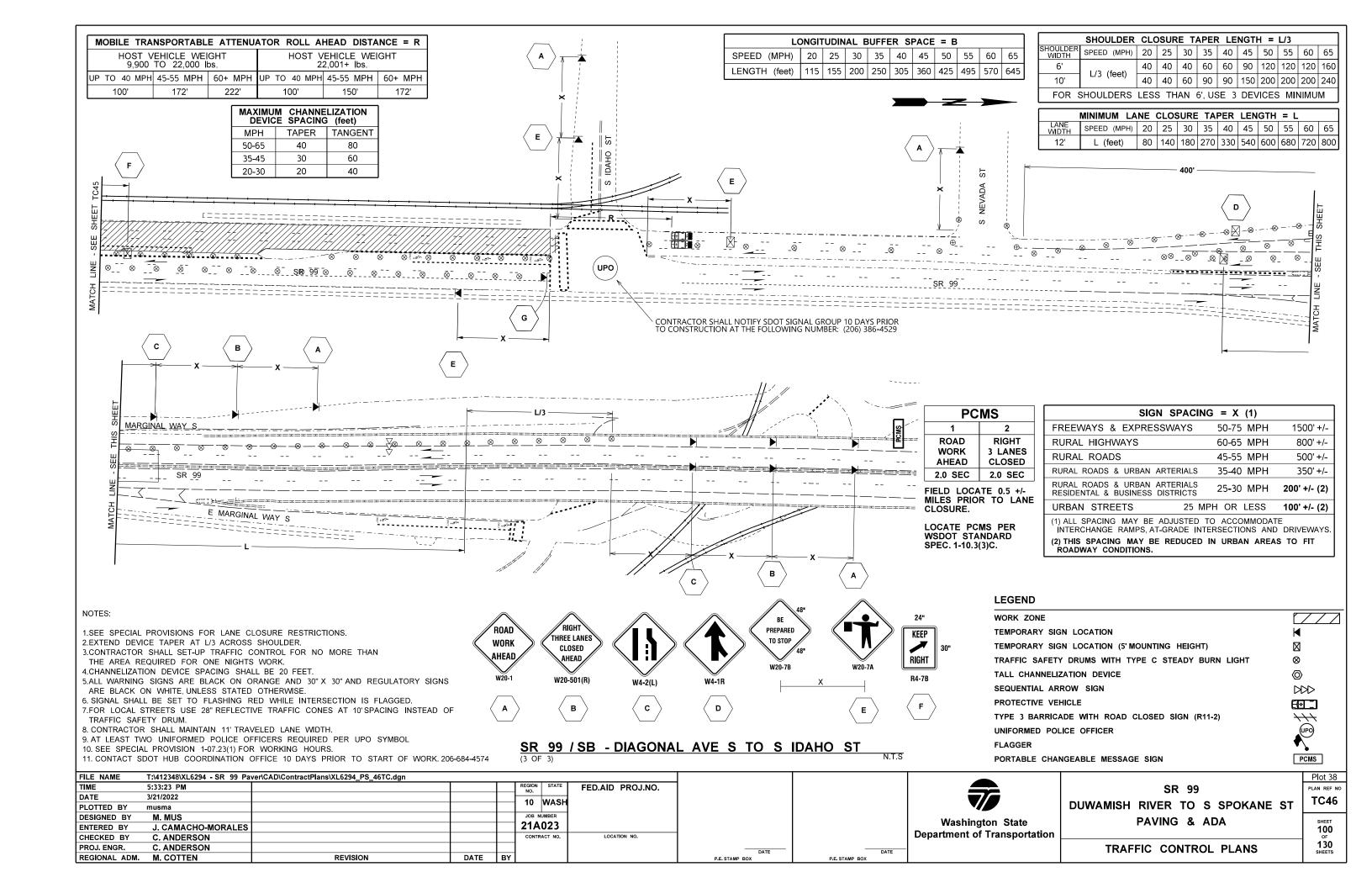


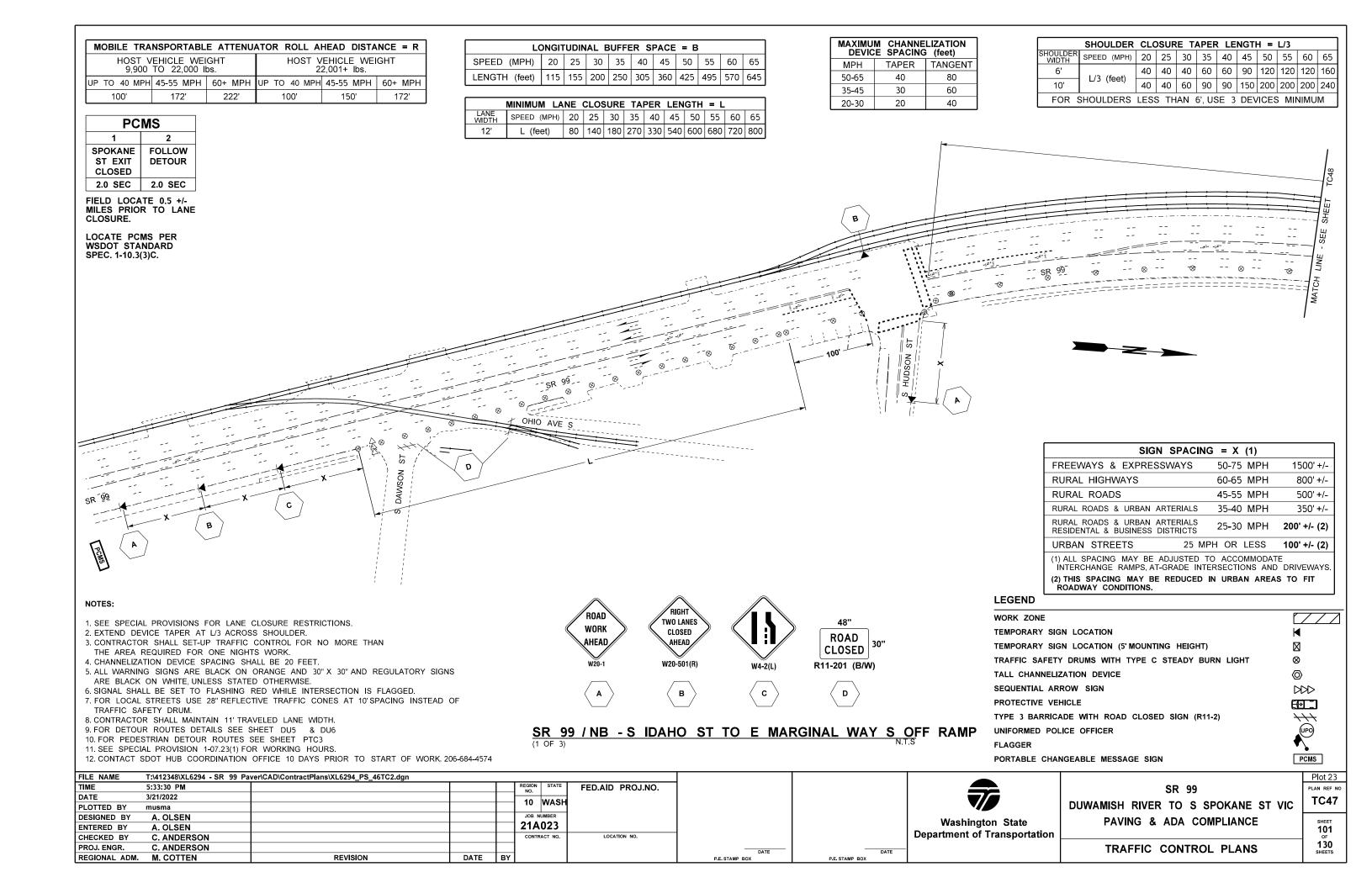
	SR	99			
DUWAMISH	RIVER	ТО	S	SPOKANE	ST
	PAVING	&	Αľ	DA	

98 130 SHEETS TRAFFIC CONTROL PLANS

Plot 36 PLAN REF NO TC44







MOBILE T	RANSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R			
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs. HOST VEHICLE WEIGHT 22,001+ lbs.								
UP TO 40 M	PH 45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH			
100'	172'	222'	100'	150'	172'			
	SIGN SPACING = X (1)							
FREEWAY	S & EXPRESS	SWAYS	50-75 MPH	1500' +/-				

SIGN SPACING	S = X (1)	
FREEWAYS & EXPRESSWAYS	50 <b>-</b> 75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MP	H OR LESS	100' +/- (2)
(1) ALL SPACING MAY BE ADJUSTED T	O ACCOMMODAT	E

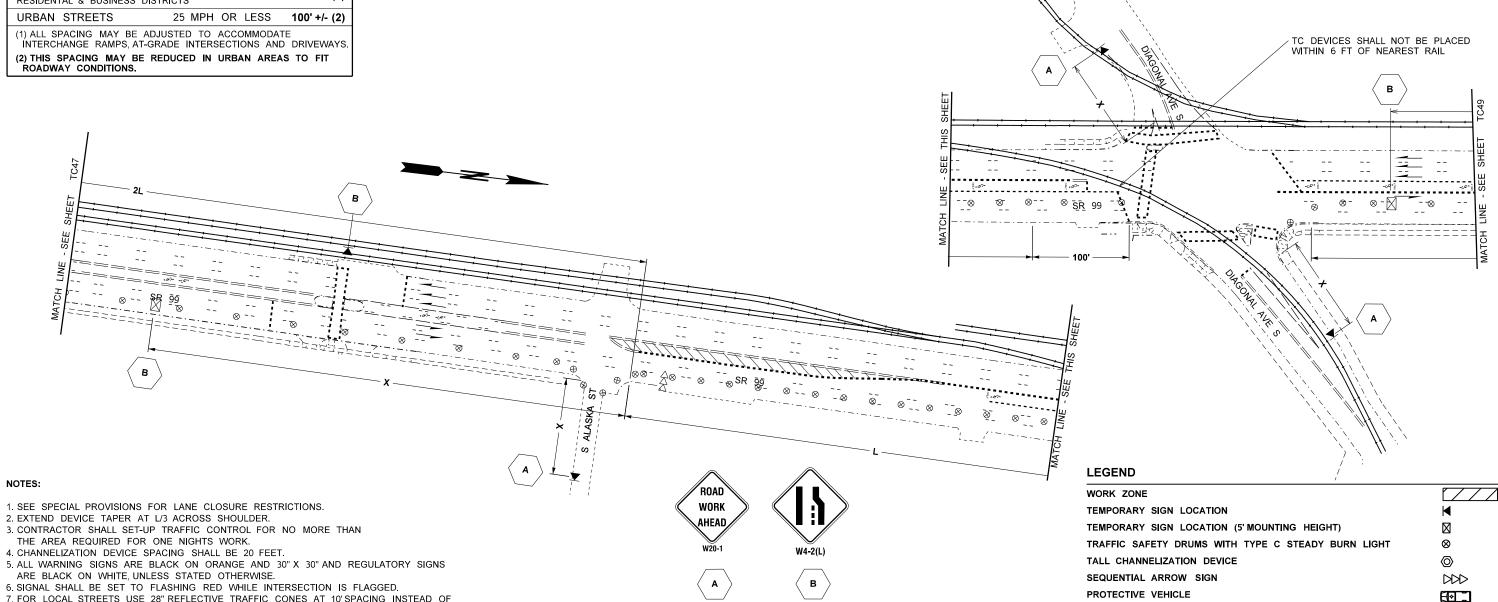
INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT							
50-65	40	80							
35-45	30	60							
20-30	20	40							

	SHOULDER CLOSURE TAPER LENGTH = L/3										
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											



 $\underset{(2\ OF\ 3)}{\underline{\mathsf{SR}}}\ \underline{\mathsf{99}}\ \mathsf{/}\ \underline{\mathsf{NB}}\ -\underline{\mathsf{S}}\ \underline{\mathsf{IDAHO}}\ \underline{\mathsf{ST}}\ \underline{\mathsf{TO}}\ \underline{\mathsf{E}}\ \underline{\mathsf{MARGINAL}}\ \underline{\mathsf{WAY}}\ \underline{\mathsf{S}}\underset{N.T.S}{\underline{\mathsf{OFF}}}\ \underline{\mathsf{RAMP}}$ 

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:33:34 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					UMBER	
ENTERED BY	A. OLSEN				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM	M COTTEN	REVISION	DATE	BV			

7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF

12 CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.

9. FOR DETOUR ROUTES DETAILS SEE SHEET DU5 & DU6

10. FOR PEDESTRIAN DETOUR ROUTES SEE SHEET PTC3 11. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.

TRAFFIC SAFETY DRUM.

Washington State **Department of Transportation** 

**FLAGGER** 

SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE

TRAFFIC CONTROL PLANS

TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)

UNIFORMED POLICE OFFICER

PORTABLE CHANGEABLE MESSAGE SIGN

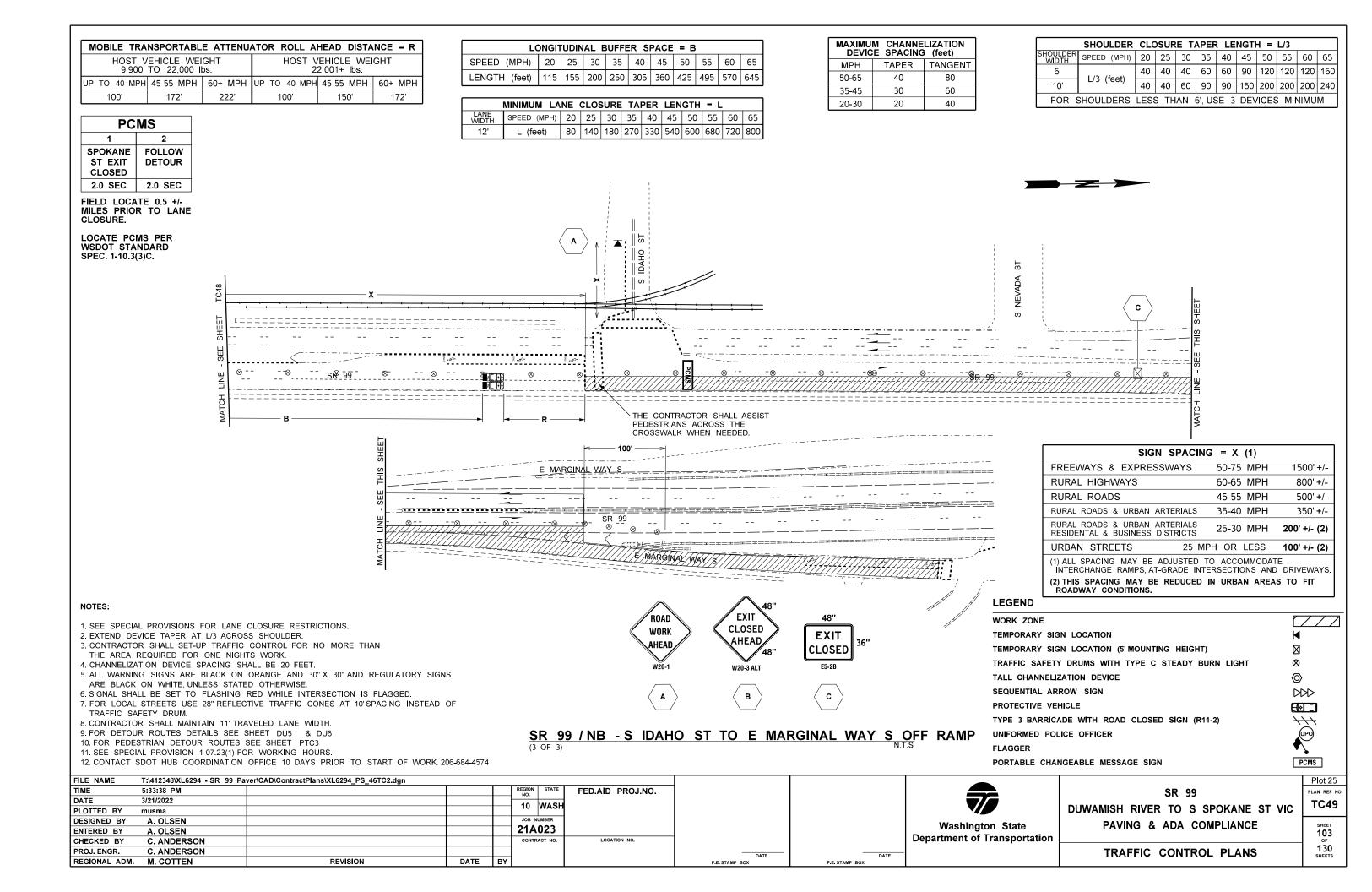
TC48 102 130 SHEETS

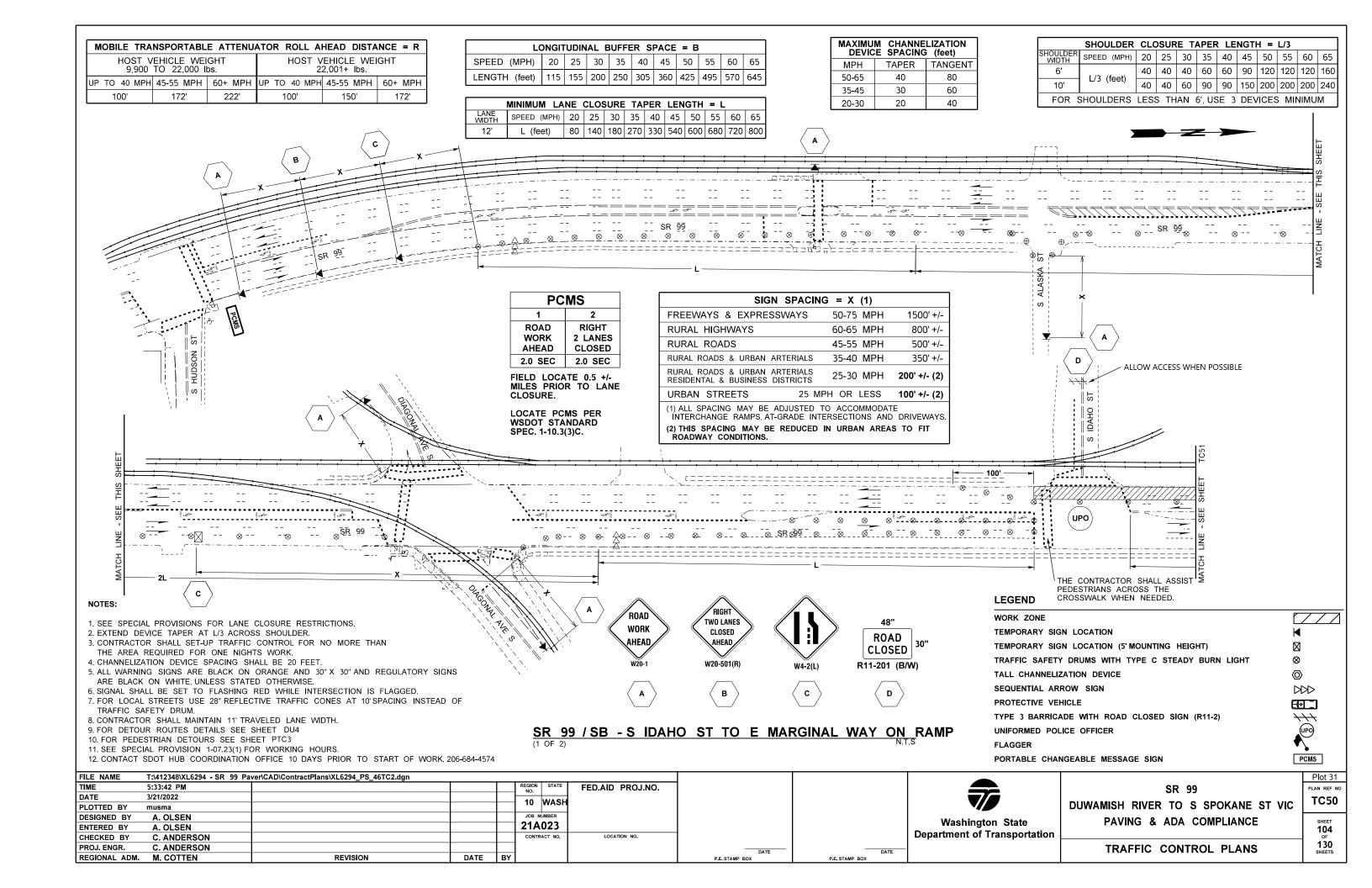
Plot 24 PLAN REF NO

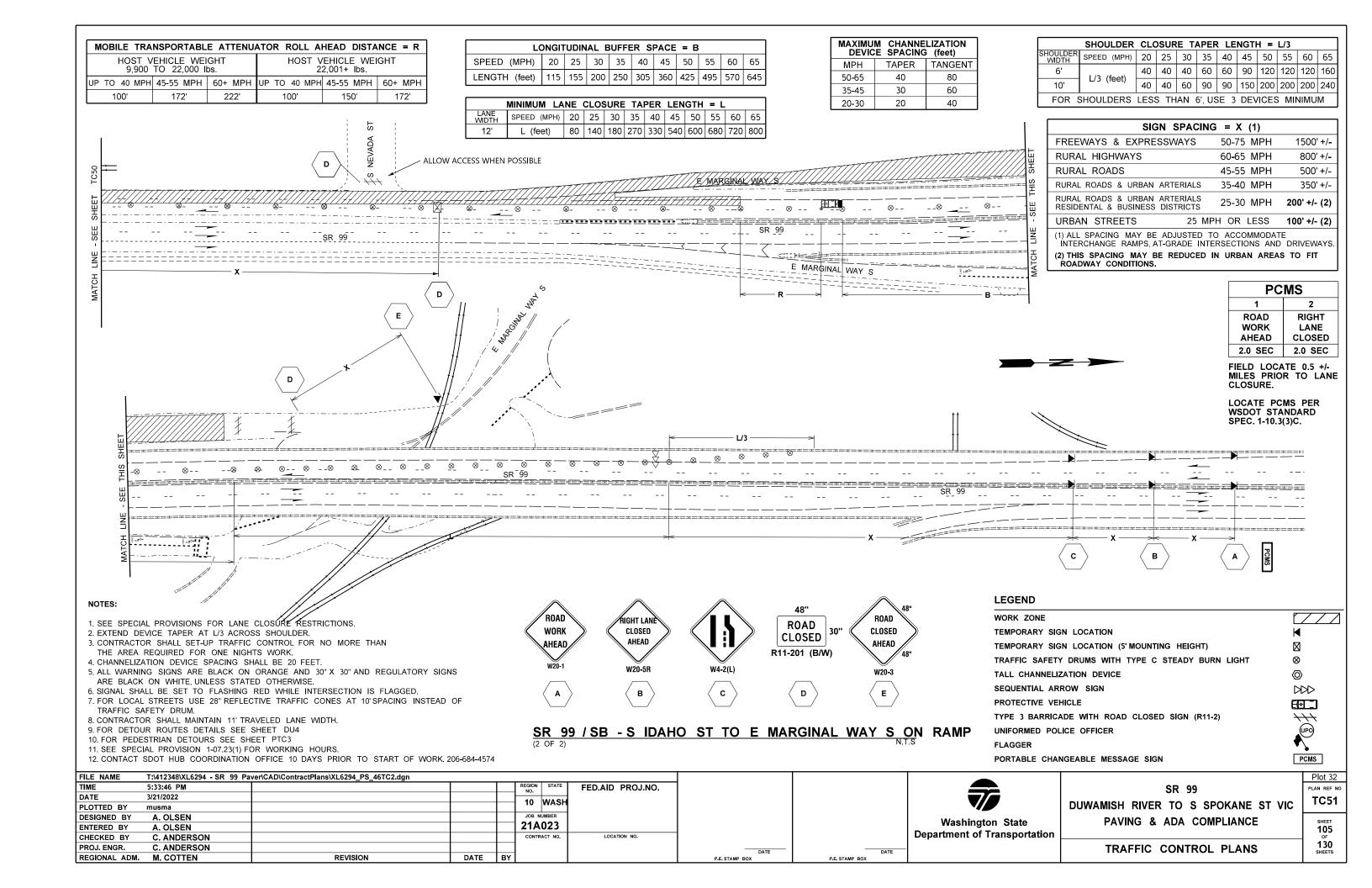
+++

UPO UPO

PCMS







MOBILE TRANSPOR	RTABLE ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R				
HOST VEHICLE WEIGHT HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs. 22,001+ lbs.								
UP TO 40 MPH 45-55	MPH 60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH				
100' 172' 222' 100' 150' 172'								

LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

	MINIMUM LA	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)								
MPH	TAPER	TANGENT						
50-65	40	80						
35-45	30	60						
20-30	20	40						

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (foot)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM											

SIGN SPACING = X (1)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT

TRAFFIC CONTROL PLANS

50-75 MPH

60-65 MPH

45-55 MPH

35-40 MPH

25 MPH OR LESS

25-30 MPH **200' +/- (2)** 

1500' +/-

800' +/-

500' +/-

350' +/-

100' +/- (2)

FREEWAYS & EXPRESSWAYS

RURAL ROADS & URBAN ARTERIALS

RURAL ROADS & URBAN ARTERIALS

RESIDENTAL & BUSINESS DISTRICTS

RURAL HIGHWAYS

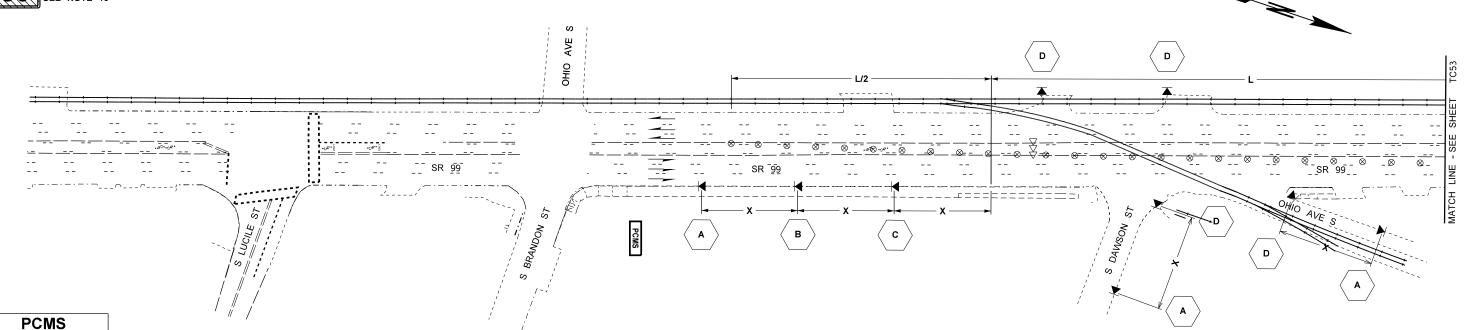
URBAN STREETS

ROADWAY CONDITIONS.

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

RURAL ROADS





WORK 2 LANES AHEAD CLOSED 2.0 SEC 2.0 SEC FIELD LOCATE 0.5 +/MILES PRIOR TO LANE

LEFT

ROAD

CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

- 1.SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10' SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AS ORDERED BY THE ENGINEER ADDITIONAL SPEED RADAR DISPLAY SIGNS MAY BE USED 500'+/- PRIOR TO EACH WORK CREW WITHIN THE WORK AREA.
- 10. ALL SPEED LIMIT SIGNS CONFLICTING WITH THE WORK ZONE SPEED LIMIT SHALL BE COVERED PER STANDARD SPECIFICATION 8-21.3(3)
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC3
- 12 SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574





В



С







TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) UNIFORMED POLICE OFFICER **FLAGGER** 

LEGEND

WORK ZONE

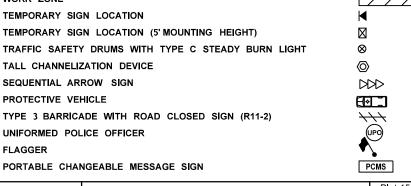
TEMPORARY SIGN LOCATION

TALL CHANNELIZATION DEVICE

SEQUENTIAL ARROW SIGN

PROTECTIVE VEHICLE

PORTABLE CHANGEABLE MESSAGE SIGN



FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:33:50 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022				10	WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					UMBER	
ENTERED BY	A. OLSEN				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC PAVING & ADA COMPLIANCE Washington State **Department of Transportation** 

Plot 15 PLAN REF NO TC52 106 130 SHEETS

MOBILE TRA	NSPORTABL	E ATTENU	ATOR ROLL A	HEAD DISTA	NCE = R
	/EHICLE WEI TO 22,000 II			'EHICLE WEI 2,001+ lbs.	GHT
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	172'	222'	100'	150'	172'

LC	ONGIT	UDIN	AL E	UFFE	R SI	PACE	= B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

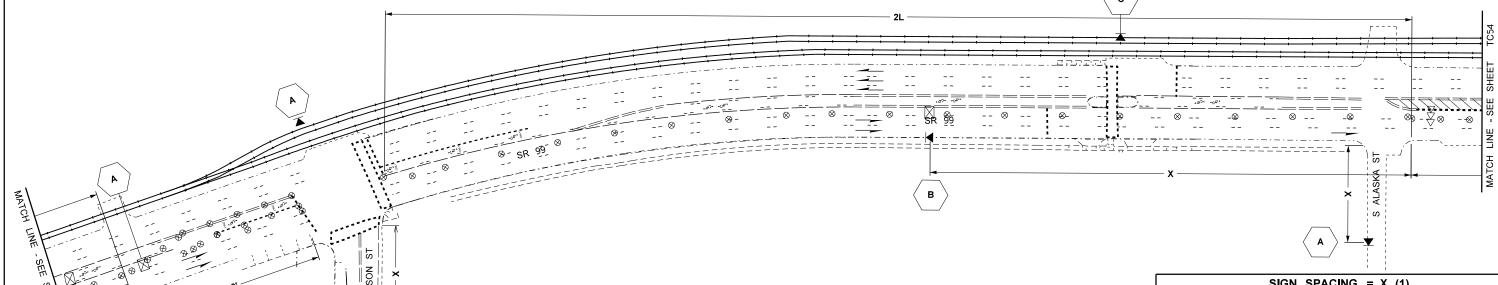
ſ		MINIMUM LA	NE	CLOS	SURE	TAI	PER	LEN	GTH	= L		
	LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
	12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMU DEVIC	M CHANNE E SPACING	LIZATION (feet)
MPH	TAPER	TANGENT
50-65	40	80
35-45	30	60
20-30	20	40

	SHOULDER	CLC	SUR	E T	APEF	R LE	NGTI	H =	L/3		
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/2 (fact)	40	40	40	60	60	90	120	120	120	160
10'	L/3 (feet)	40	40	60	90	90	150	200	200	200	240
FOR S	SHOULDERS	LESS	3 TH	AN	6', US	SE 3	DEV	/ICES	IIM 8	UMIV	М



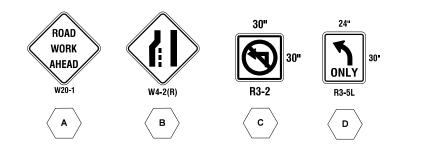




SIGN SPACING	= X (1)	
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)
URBAN STREETS 25 MPH	H OR LESS	100' +/- (2)
·		

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS. LEGEND

- 1.SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 3. CONTRACTOR SHALL SET-UP TRAFFIC CONTROL FOR NO MORE THAN THE AREA REQUIRED FOR ONE NIGHTS WORK.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 20 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30" AND REGULATORY SIGNS ARE BLACK ON WHITE, UNLESS STATED OTHERWISE.
- 6. SIGNAL SHALL BE SET TO FLASHING RED WHILE INTERSECTION IS FLAGGED.
- 7. FOR LOCAL STREETS USE 28" REFLECTIVE TRAFFIC CONES AT 10'SPACING INSTEAD OF TRAFFIC SAFETY DRUM.
- 8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.
- 9. AS ORDERED BY THE ENGINEER ADDITIONAL SPEED RADAR DISPLAY SIGNS MAY BE USED 500'+/- PRIOR TO EACH WORK CREW WITHIN THE WORK AREA.
- 10. ALL SPEED LIMIT SIGNS CONFLICTING WITH THE WORK ZONE SPEED LIMIT
- SHALL BE COVERED PER STANDARD SPECIFICATION 8-21.3(3)
- 11. FOR PEDESTRIAN DETOUR SEE SHEET PTC3
- 12. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



# S

DATE

SR	99	/ NB	&	SB	- DIAGONAL	AVE	S	то	Ε	MARGINAL	WAY	•
(2 OF	5)									NTS		

WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	$\bigcirc$
SEQUENTIAL ARROW SIGN	DDD
PROTECTIVE VEHICLE	<b>E</b>
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	(UPO)
FLAGGER	

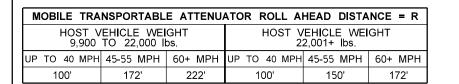
Washington State
Department of Transportation

DATE

UNIFORMED POL FLAGGER	<u>*</u>	DEMS DEMS
TORTABLE OHA	TOLABLE MESSAGE SIGN	Plot 16
	SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC	PLAN REF NO
on State	PAVING & ADA COMPLIANCE	SHEET

107 130 SHEETS TRAFFIC CONTROL PLANS

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:33:55 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					UMBER	
ENTERED BY	A. OLSEN				21A	023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			



8. CONTRACTOR SHALL MAINTAIN 11' TRAVELED LANE WIDTH.

13.

9. AS ORDERED BY THE ENGINEER ADDITIONAL SPEED RADAR DISPLAY SIGNS MAY BE USED 500'+/- PRIOR TO EACH WORK CREW WITHIN THE WORK AREA. 10. ALL SPEED LIMIT SIGNS CONFLICTING WITH THE WORK ZONE SPEED LIMIT

LC	ONGIT	UDIN	AL E	BUFFE	R S	PACE	= B			
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645

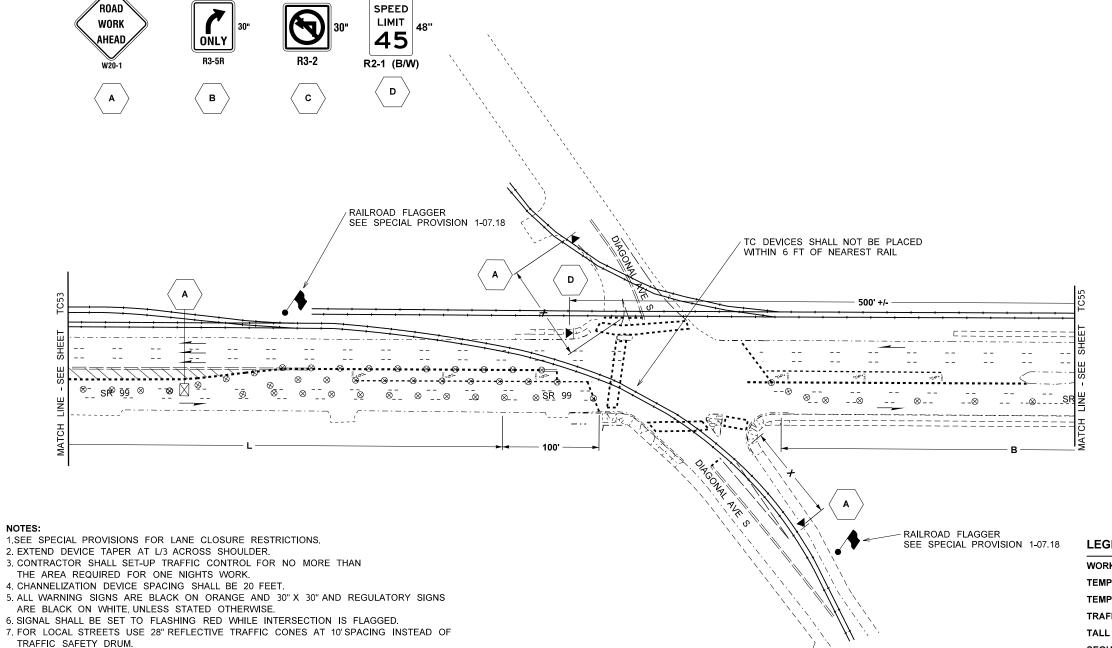
	MINIMUM L	NE	CLOS	SURE	TA	PER	LEN	GTH	= L		
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
12'	L (feet)	80	140	180	270	330	540	600	680	720	800

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)									
MPH	TAPER	TANGENT							
50-65	40	80							
35-45	30	60							
20-30	20	40							

SHOULDER CLOSURE TAPER LENGTH = L/3											
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160
10'		40	40	60	90	90	150	200	200	200	240
FOR S	FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM										







SIGN SPACING	S = X (1)							
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-						
RURAL HIGHWAYS	60-65 MPH	800' +/-						
RURAL ROADS	45-55 MPH	500' +/-						
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-						
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	200' +/- (2)						
URBAN STREETS 25 MP	H OR LESS	100' +/- (2)						
(4) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE								

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

## **LEGEND**

WORK ZONE	
TEMPORARY SIGN LOCATION	M
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	$\boxtimes$
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE	<b>(</b>
SEQUENTIAL ARROW SIGN	$\Diamond \Diamond \Diamond \Diamond$
PROTECTIVE VEHICLE	
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
PORTABLE CHANGEABLE MESSAGE SIGN	PCMS

SHALL BE C 1. FOR PEDE 2. SEE SPEC	COVERED PER STANDARD S ESTRIAN DETOUR SEE SHEI CIAL PROVISION 1-07.23(1) FC	ET PTC3	06-684-4574	<b>SR</b> (3 OF		/NB	<u>&amp; SB</u>	- <u>D</u>	DIAGONAL	AVE S	<u>s to</u>	E	MARGINAL N.T.S	WAY	S
E NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn													
E	5:33:59 PM			REGION S	STATE	FED.AID	PROJ.N	0.							

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC2.dgn					
TIME	5:33:59 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022				10	WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	A. OLSEN					IUMBER	
ENTERED BY	A. OLSEN				21A	023	
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

36"

Washington State **Department of Transportation** 

DATE

DATE

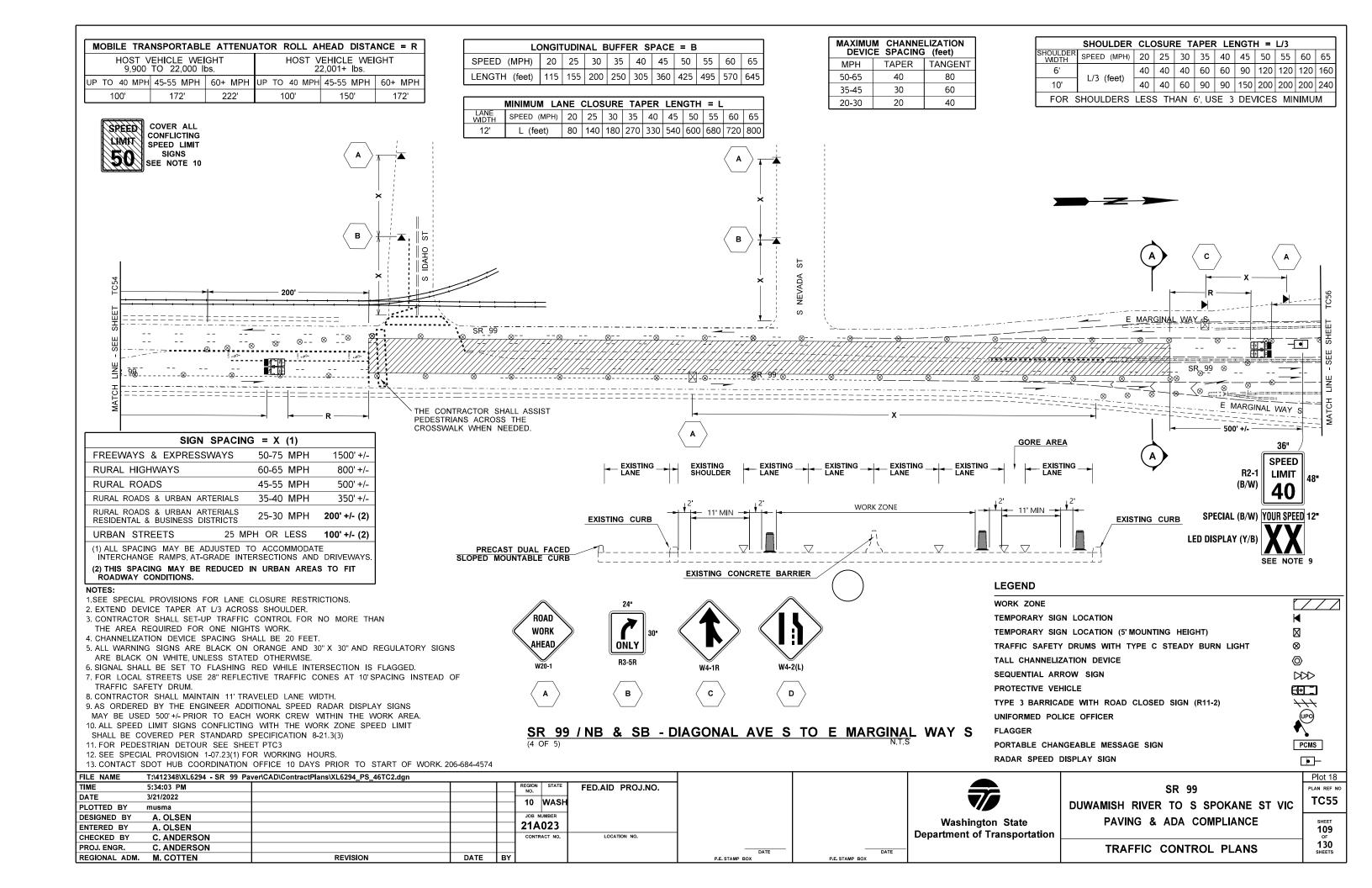
		SR	99			
DUWAMISH	RIVER	ТО	S	SPOKANE	ST	VIC
PAVII	NG &	ADA	C	OMPLIANCE	•	

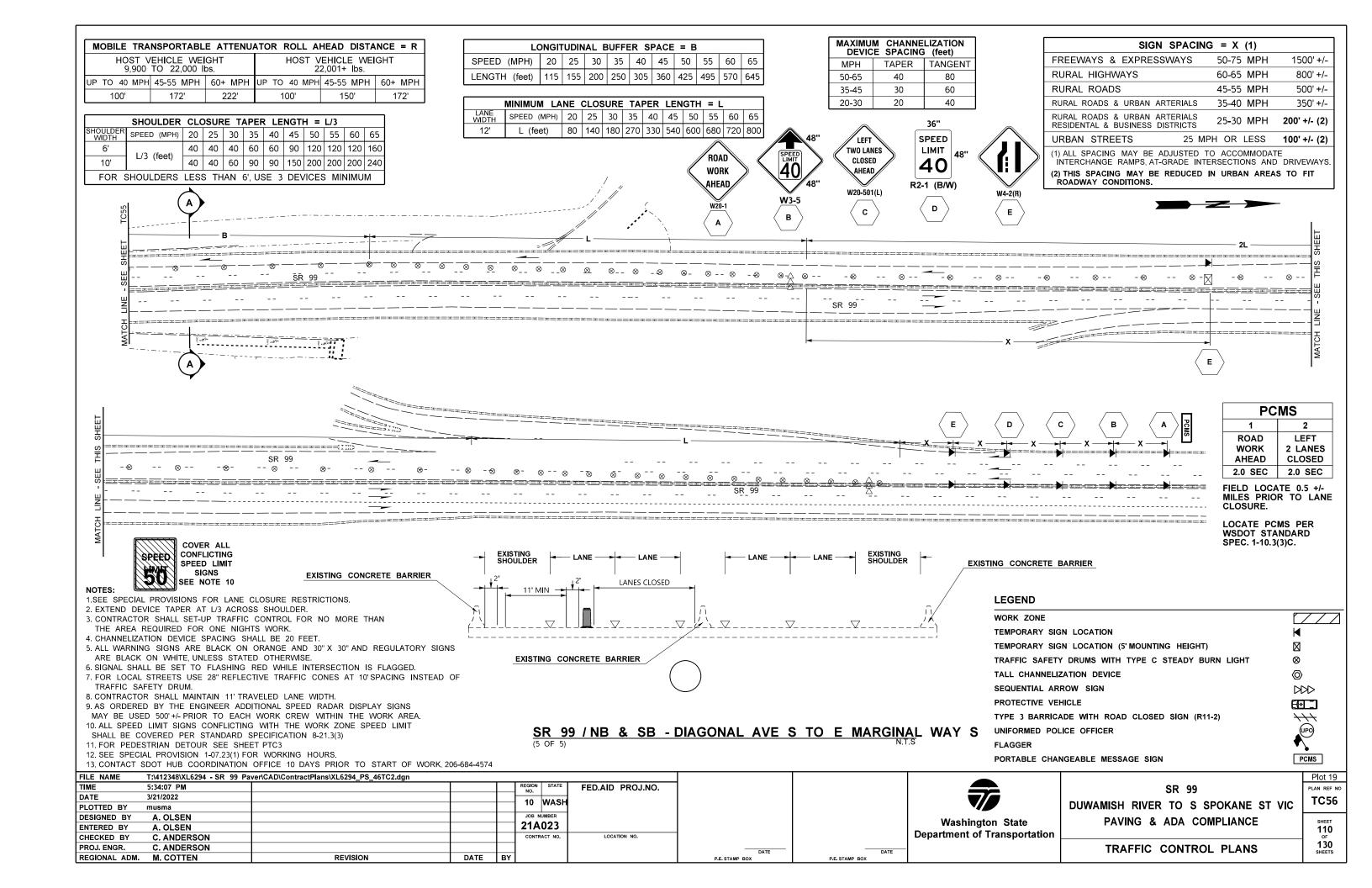
TRAFFIC CONTROL PLANS

Plot 17 PLAN REF NO TC54

108

130 SHEETS



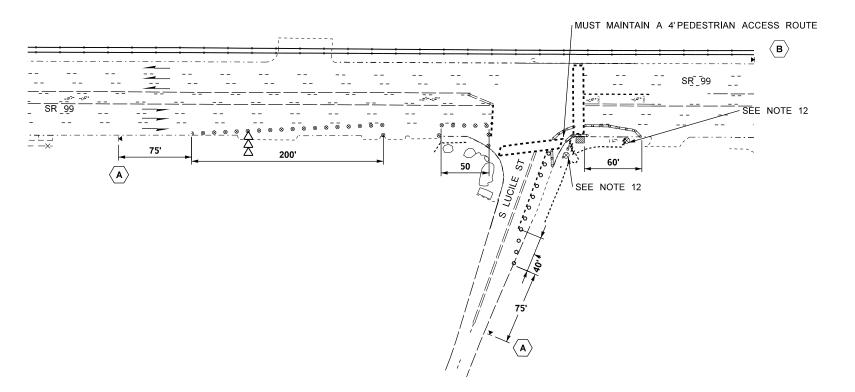


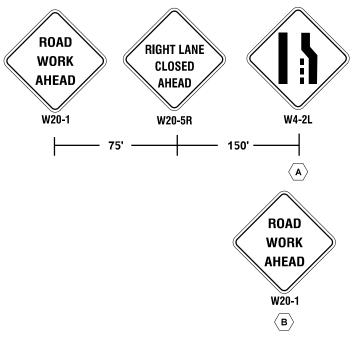


#### SR 99 S LUCILE ST

NORTHBOUND CLOSURE

NTC



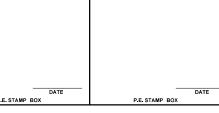


- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. THIS TRAFFIC CONTROL SET UP WILL BE SET UP DURING NON-WORK HOURS
- 3. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 10 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30", REGULATORY SIGNS ARE BLACK ON WHITE UNLESS STATED OTHERWISE.
- 6. TEMPORARY "NO PARKING" SIGNS SHALL BE PLACED 48 HOURS IN ADVANCE OF LANE CLOSURE AT 30 FOOT INTERVALS ADJACENT TO LANES WHERE STREET PARKING IS CURRENTLY ALLOWED. THE SIGNS SHALL BE LABELED WITH APPROPRIATE CLOSURE DATES AND TIMES. ALL COSTS FOR PROVIDING AND INSTALLING THE "NO PARKING" SIGNS ARE INCLUDED IN THE BID ITEM "OTHER TEMPORARY TRAFFIC CONTROL".
- 7. ONLY ONE QUADRANT OF AN INTERSECTION MAY BE CLOSED AT ANY TIME FOR CURB RAMP CONSTRUCTION.
- 8. FOR TEMPORARY CURB RAMP DETAILS SEE SHEET PTC4
- 9. WATER FILLED BARRIER SHALL BE CONTINUOUS AND 6 INCH MINIMUM HEIGHT ABOVE THE WALKWAY AND HAVE COLOR OR MARKING CONTRASTING WITH THE WALKWAY SURFACE.
- 10. WATER FILLED BARRIER SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY.
- 11. WATER FILLED BARRIER SHALL BE 32 IN. OR TALLER.
- 12. FOR TEMPORARY PEDESTRIAN PUSH BUTTON INSTALLATION SEE SHEET TEL1
- 12. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 13. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

LEG	END	

WORK ZONE	
TEMPORARY SIGN LOCATION	N
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	⊠
TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE WITH TYPE C STEADY BURN LIGHT	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
TYPE 2 BARRICADE	++
WATER FILLED BARRIER	
TEMPORARY PEDESTRIAN PUSH BUTTON	$\otimes$
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
TEMPORARY CURB RAMP	•

FILE NAME	T \412348\XL6294 SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC_CR.dgn					
TIME	4:03:33 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/22/2022				10	WASH	
PLOTTED BY	musma				'0	WASH	
DESIGNED BY	M. MUS				JOB N		
ENTERED BY	A. OLSEN				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			





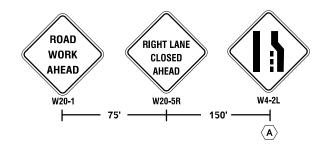
		SR	99			
DUWAMISH	RIVER	TO	S	SPOKAN	E ST	VIC
PAVI	NG &	ADA	C	OMPLIAN	CE	

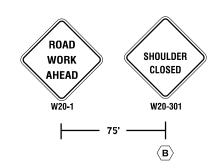
CURB RAMP TRAFFIC CONTROL PLANS

SHEET 111 OF 130 SHEETS

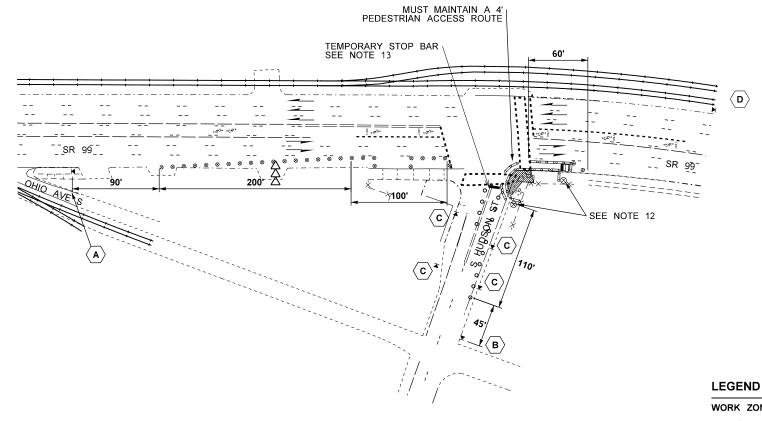
Plot 1

CTC1









- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. THIS TRAFFIC CONTROL SET UP WILL BE SET UP DURING NON-WORK HOURS
- 3. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 10 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30", REGULATORY SIGNS ARE BLACK ON WHITE UNLESS STATED OTHERWISE.
- 6. TEMPORARY "NO PARKING" SIGNS SHALL BE PLACED 48 HOURS IN ADVANCE OF LANE CLOSURE AT 30 FOOT INTERVALS ADJACENT TO LANES WHERE STREET PARKING IS CURRENTLY ALLOWED. THE SIGNS SHALL BE LABELED WITH APPROPRIATE CLOSURE DATES AND TIMES. ALL COSTS FOR PROVIDING AND INSTALLING THE "NO PARKING" SIGNS ARE INCLUDED IN THE BID ITEM "OTHER TEMPORARY TRAFFIC CONTROL".
- 7. ONLY ONE QUADRANT OF AN INTERSECTION MAY BE CLOSED AT ANY TIME FOR CURB RAMP CONSTRUCTION. 8. FOR TEMPORARY CURB RAMP DETAILS SEE SHEET PTC4
- 9. WATER FILLED BARRIER SHALL BE CONTINUOUS AND 6 INCH MINIMUM HEIGHT ABOVE THE WALKWAY AND HAVE COLOR OR MARKING CONTRASTING WITH THE WALKWAY SURFACE.
- 10. WATER FILLED BARRIER SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY.
- 11. WATER FILLED BARRIER SHALL BE 32 IN. OR TALLER.
- 12. FOR TEMPORARY PEDESTRIAN PUSH BUTTON INSTALLATION SEE SHEET TEL2.
- 13. OPEN LANES SHALL BE AT LEAST 11 FEET WIDE.
- 14. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 15. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574

#### SR 99 S HUDSON ST

NORTHBOUND CLOSURE N.T.S

DATE

WORK ZONE	
TEMPORARY SIGN LOCATION	N
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	⋈
TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE WITH TYPE C STEADY BURN LIGHT	<b>(</b>
SEQUENTIAL ARROW SIGN	DDD
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
TYPE 2 BARRICADE	++
WATER FILLED BARRIER	
TEMPORARY PEDESTRIAN PUSH BUTTON	$\otimes$
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
TEMPORARY CURB RAMP	•

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC_CR.dgn					
TIME	4:03:34 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/22/2022					WASH	
PLOTTED BY	musma				יי ן	WASH	
DESIGNED BY	M. MUS					UMBER	
ENTERED BY	A. OLSEN				21 <i>P</i>	.023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON				1		
REGIONAL ADM	M COTTEN	REVISION	DATE	RY	1		

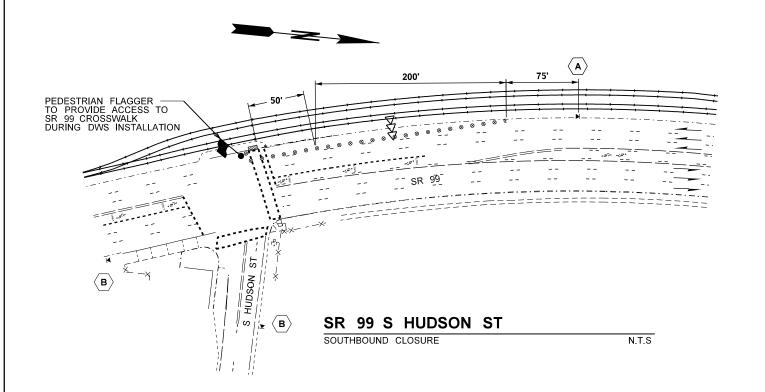


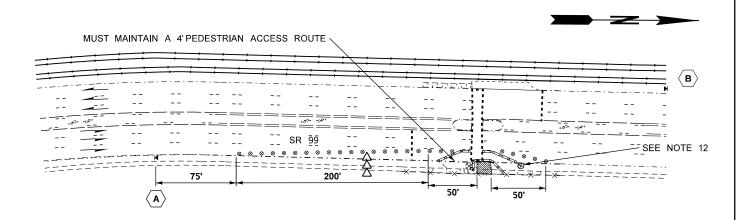
			SR	99			
DUWAMISH	RIV	ΈR	TO	s	SPOKANE	ST	VIC
PAVII	NG	&	ADA	C	OMPLIANCE	•	

CURB RAMP TRAFFIC CONTROL PLANS

112 of 130 sheets

Plot 4
PLAN REF NO
CTC2





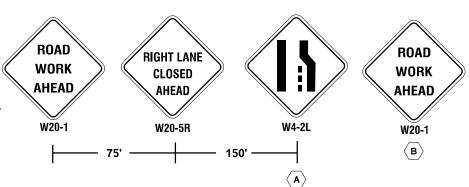
LEGEND

#### SR 99 MIDBLOCK CROSSING

NORTHBOUND CLOSURE N.T.S

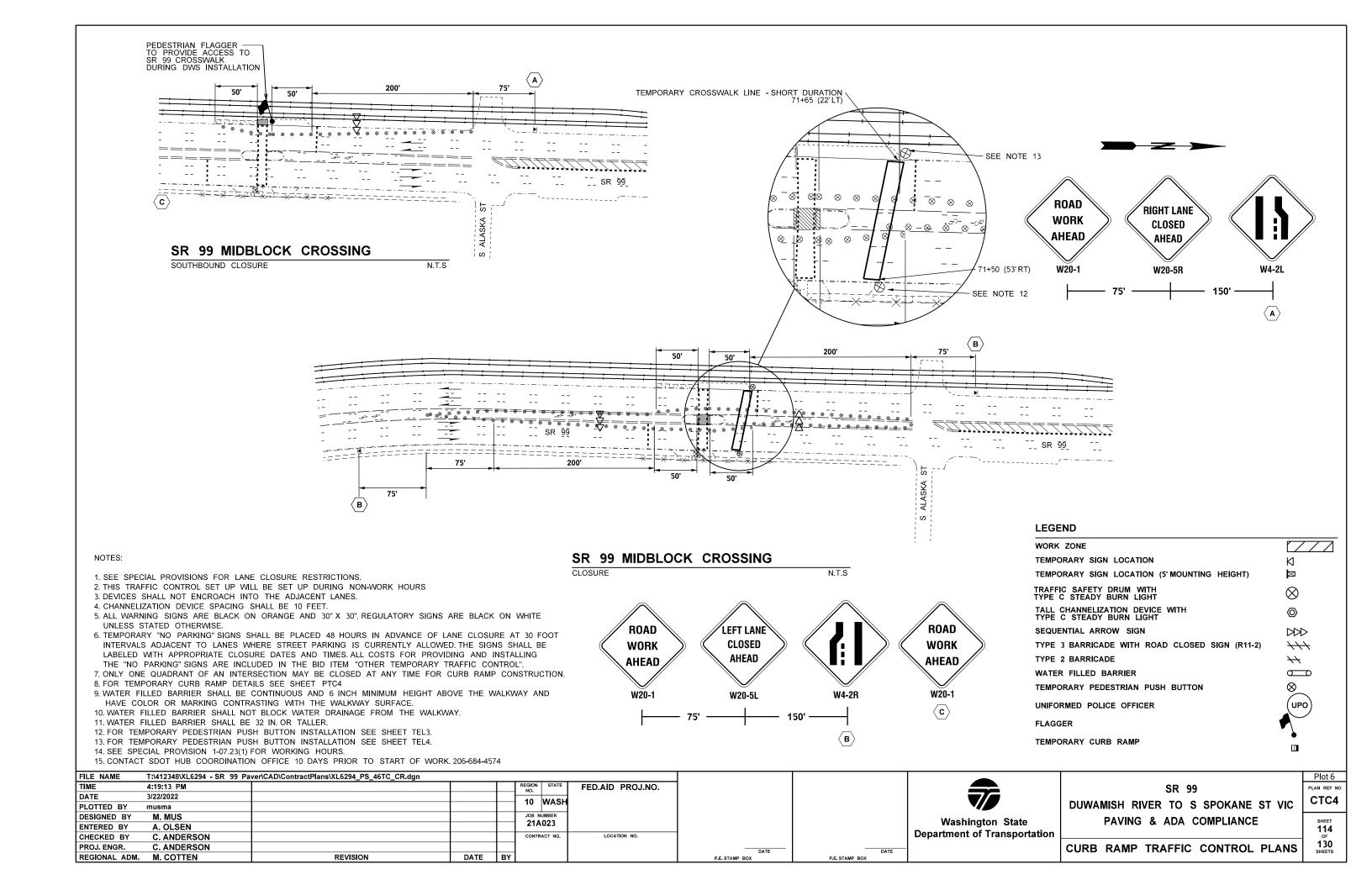
#### NOTES:

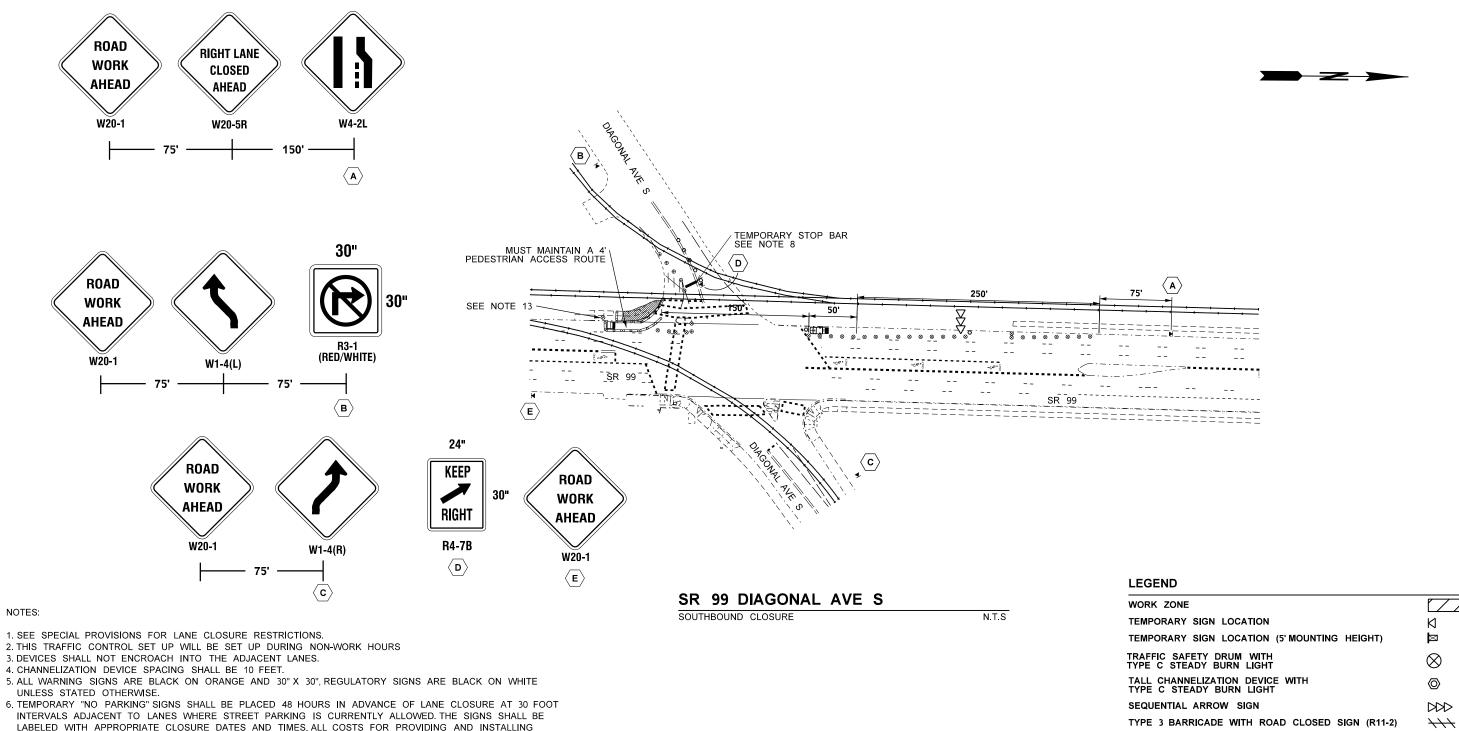
- 1. SEE SPECIAL PROVISIONS FOR LANE CLOSURE RESTRICTIONS.
- 2. THIS TRAFFIC CONTROL SET UP WILL BE SET UP DURING NON-WORK HOURS
- 3. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 10 FEET.
- 5. ALL WARNING SIGNS ARE BLACK ON ORANGE AND 30" X 30", REGULATORY SIGNS ARE BLACK ON WHITE UNLESS STATED OTHERWISE.
- 6. TEMPORARY "NO PARKING" SIGNS SHALL BE PLACED 48 HOURS IN ADVANCE OF LANE CLOSURE AT 30 FOOT INTERVALS ADJACENT TO LANES WHERE STREET PARKING IS CURRENTLY ALLOWED. THE SIGNS SHALL BE LABELED WITH APPROPRIATE CLOSURE DATES AND TIMES. ALL COSTS FOR PROVIDING AND INSTALLING THE "NO PARKING" SIGNS ARE INCLUDED IN THE BID ITEM "OTHER TEMPORARY TRAFFIC CONTROL".
- 7. ONLY ONE QUADRANT OF AN INTERSECTION MAY BE CLOSED AT ANY TIME FOR CURB RAMP CONSTRUCTION.
- 8. FOR TEMPORARY CURB RAMP DETAILS SEE SHEET PTC4
- 9. WATER FILLED BARRIER SHALL BE CONTINUOUS AND 6 INCH MINIMUM HEIGHT ABOVE THE WALKWAY AND HAVE COLOR OR MARKING CONTRASTING WITH THE WALKWAY SURFACE.
- 10. WATER FILLED BARRIER SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY.
- 11. WATER FILLED BARRIER SHALL BE 32 IN. OR TALLER.
- 12. 12. FOR TEMPORARY PEDESTRIAN PUSH BUTTON INSTALLATION SEE SHEET TEL3.
- 13. SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 14. CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK. 206-684-4574



LEGEND	
WORK ZONE	
TEMPORARY SIGN LOCATION	KI
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	⊠
TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE WITH TYPE C STEADY BURN LIGHT	0
SEQUENTIAL ARROW SIGN	DDD
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
TYPE 2 BARRICADE	++
WATER FILLED BARRIER	0_0
TEMPORARY PEDESTRIAN PUSH BUTTON	$\otimes$
UNIFORMED POLICE OFFICER	UPO
FLAGGER	
TEMPORARY CURB RAMP	•

FILE NAME	T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294_PS_46TC_CR.dgn				_					Plot 5
TIME	4:03:35 PM			REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/22/2022			10 WASH						CTC3
PLOTTED BY	musma			I IU WASH					DUWAMISH RIVER TO S SPOKANE ST VIC	0.03
DESIGNED BY	M. MUS			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN			21A023				3		113
CHECKED BY	C. ANDERSON			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					DATE	DATE		CURB RAMP TRAFFIC CONTROL PLANS	130 SHEETS
REGIONAL ADM.	. M. COTTEN REVISION	DATE	BY	1		P.E. STAMP BOX	P.E. STAMP BOX			SILE 13

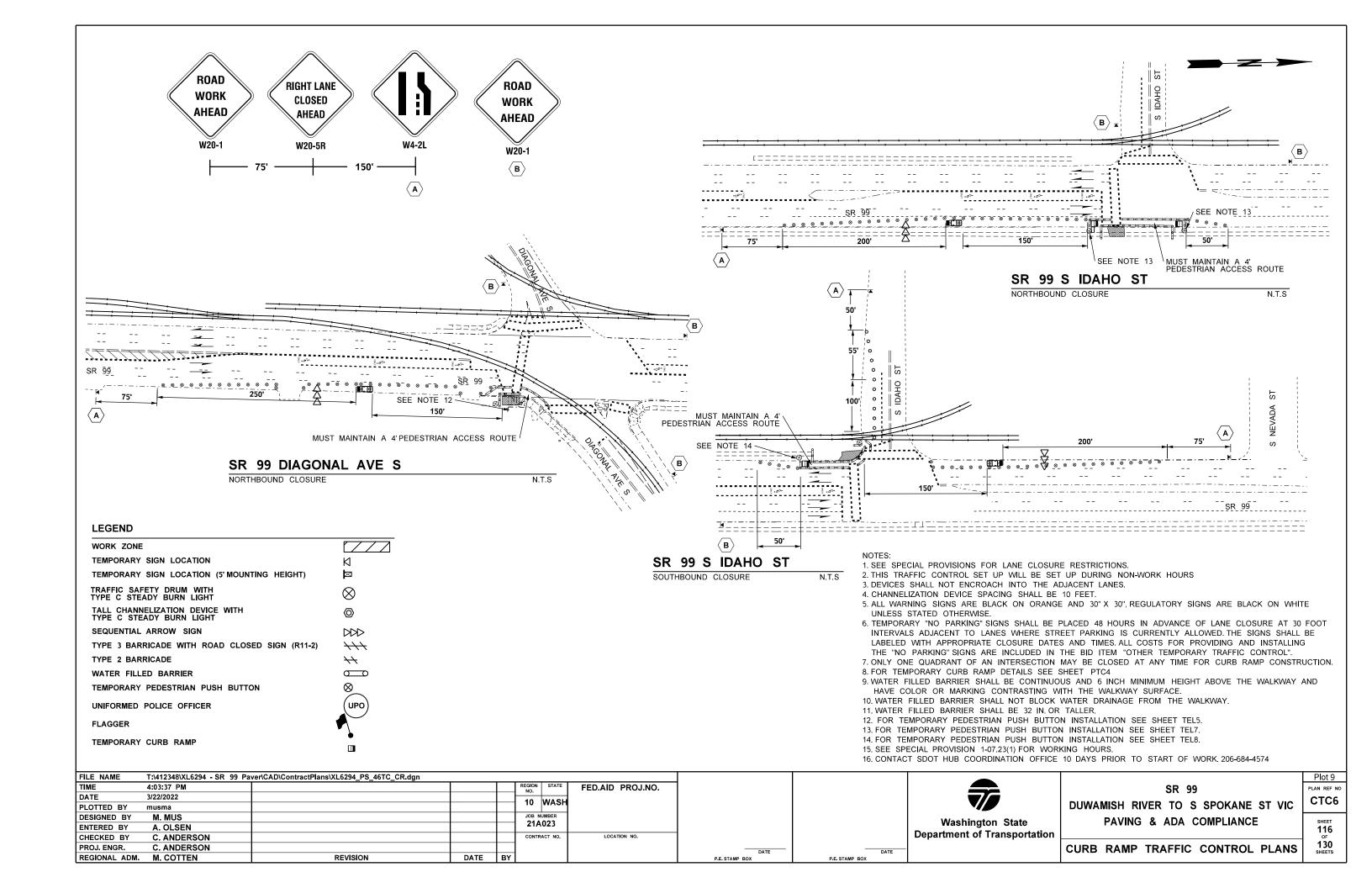


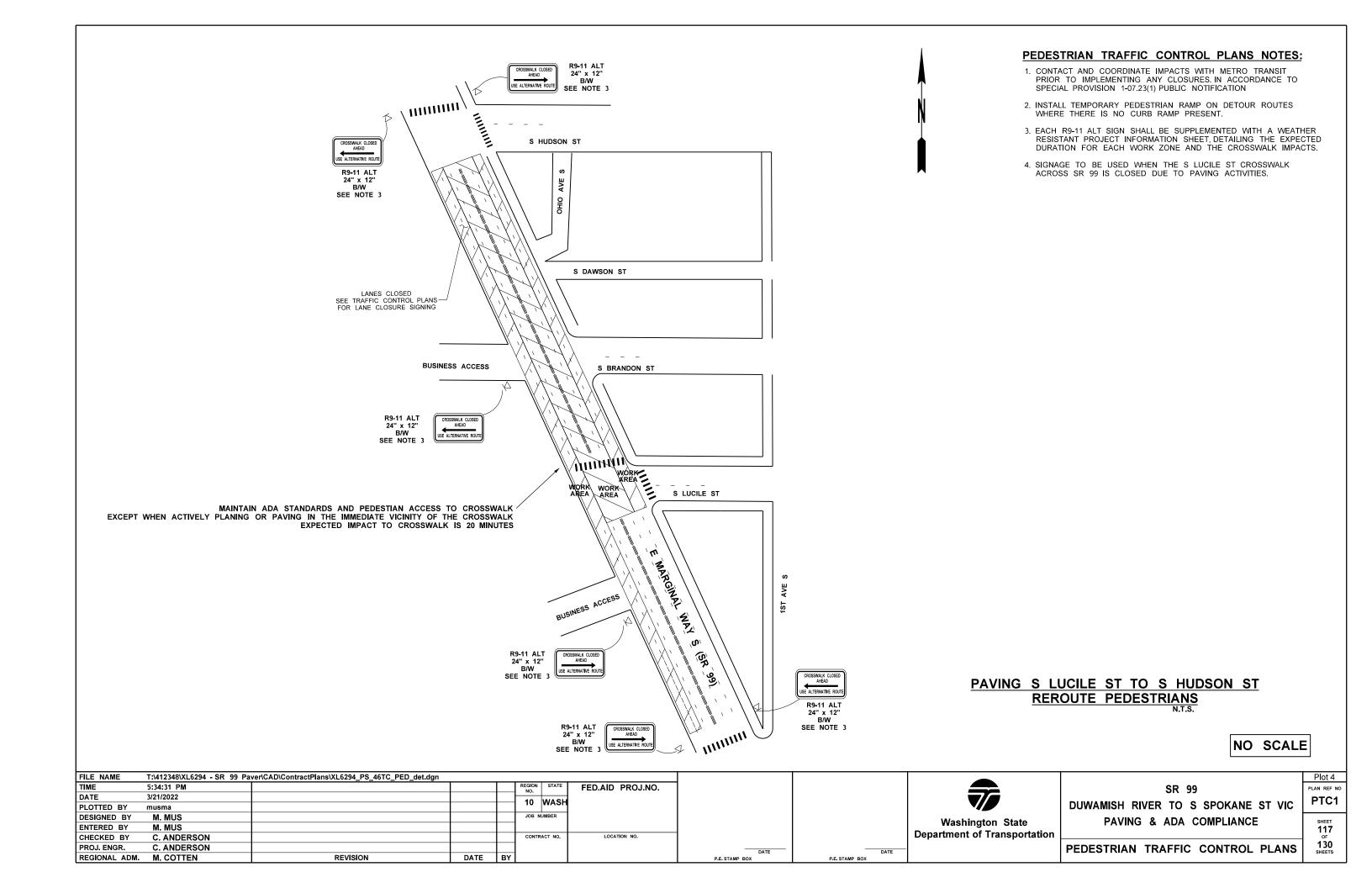


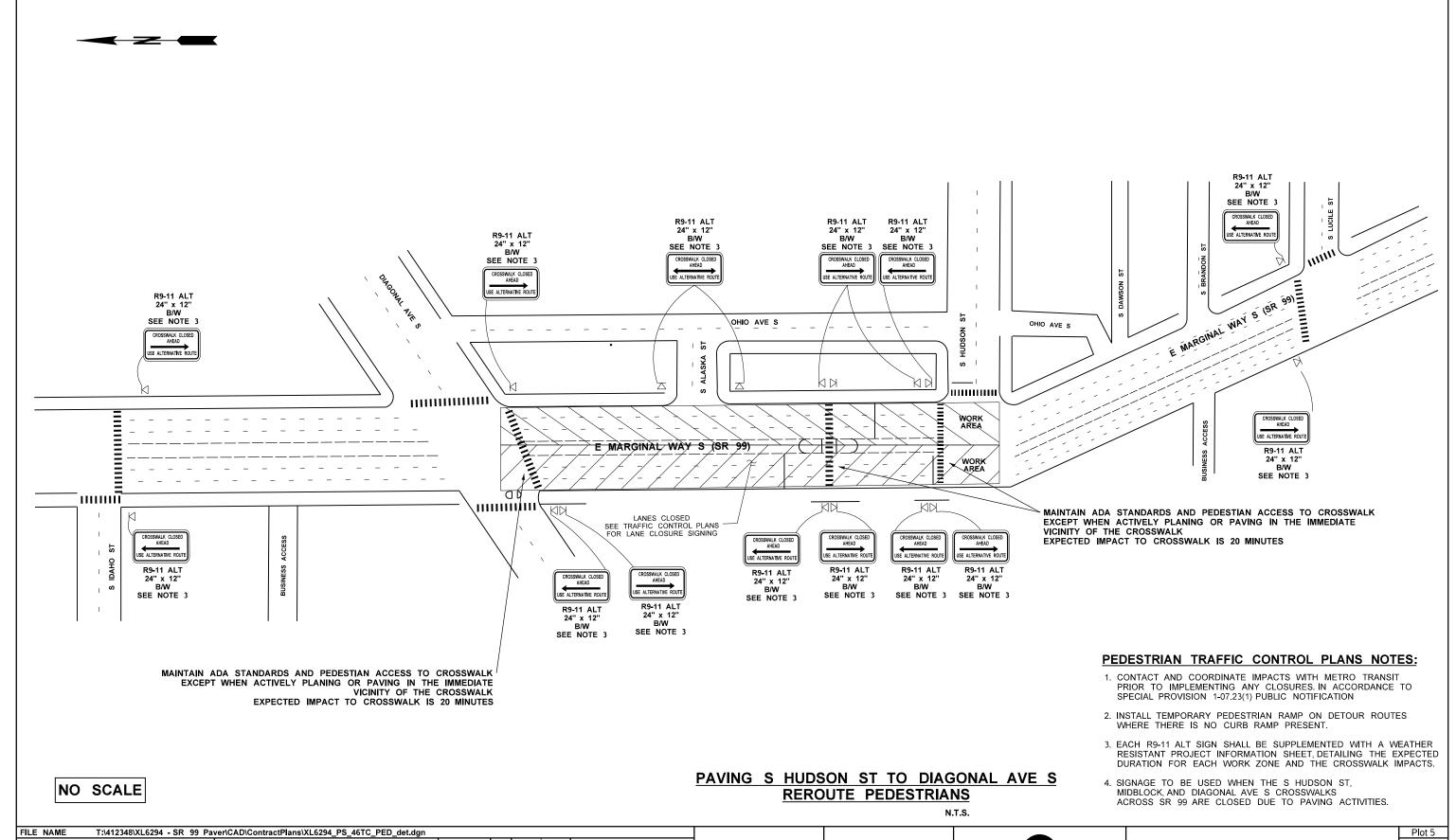
- 4. CHANNELIZATION DEVICE SPACING SHALL BE 10 FEET.
- 6. TEMPORARY "NO PARKING" SIGNS SHALL BE PLACED 48 HOURS IN ADVANCE OF LANE CLOSURE AT 30 FOOT INTERVALS ADJACENT TO LANES WHERE STREET PARKING IS CURRENTLY ALLOWED. THE SIGNS SHALL BE LABELED WITH APPROPRIATE CLOSURE DATES AND TIMES ALL COSTS FOR PROVIDING AND INSTALLING THE "NO PARKING" SIGNS ARE INCLUDED IN THE BID ITEM "OTHER TEMPORARY TRAFFIC CONTROL".
- 7. ONLY ONE QUADRANT OF AN INTERSECTION MAY BE CLOSED AT ANY TIME FOR CURB RAMP CONSTRUCTION.
- 8. OPEN LANES SHALL BE AT LEAST 11 FEET WIDE.
- 9. FOR TEMPORARY CURB RAMP DETAILS SEE SHEET PTC4
- 10. WATER FILLED BARRIER SHALL BE CONTINUOUS AND 6 INCH MINIMUM HEIGHT ABOVE THE WALKWAY AND HAVE COLOR OR MARKING CONTRASTING WITH THE WALKWAY SURFACE.
- 11. WATER FILLED BARRIER SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY.
- 12. WATER FILLED BARRIER SHALL BE 32 IN. OR TALLER.
- 13. FOR TEMPORARY PEDESTRIAN PUSH BUTTON INSTALLATION SEE SHEET TEL6.
- 14 SEE SPECIAL PROVISION 1-07.23(1) FOR WORKING HOURS.
- 15 CONTACT SDOT HUB COORDINATION OFFICE 10 DAYS PRIOR TO START OF WORK 206-684-4574

WORK ZONE	
TEMPORARY SIGN LOCATION	N
TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)	⋈
TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT	$\otimes$
TALL CHANNELIZATION DEVICE WITH TYPE C STEADY BURN LIGHT	<b>(a)</b>
SEQUENTIAL ARROW SIGN	DDD
TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2)	+++
TYPE 2 BARRICADE	++
WATER FILLED BARRIER	
TEMPORARY PEDESTRIAN PUSH BUTTON	$\otimes$
UNIFORMED POLICE OFFICER	(UPO)
FLAGGER	
TEMPORARY CURB RAMP	•

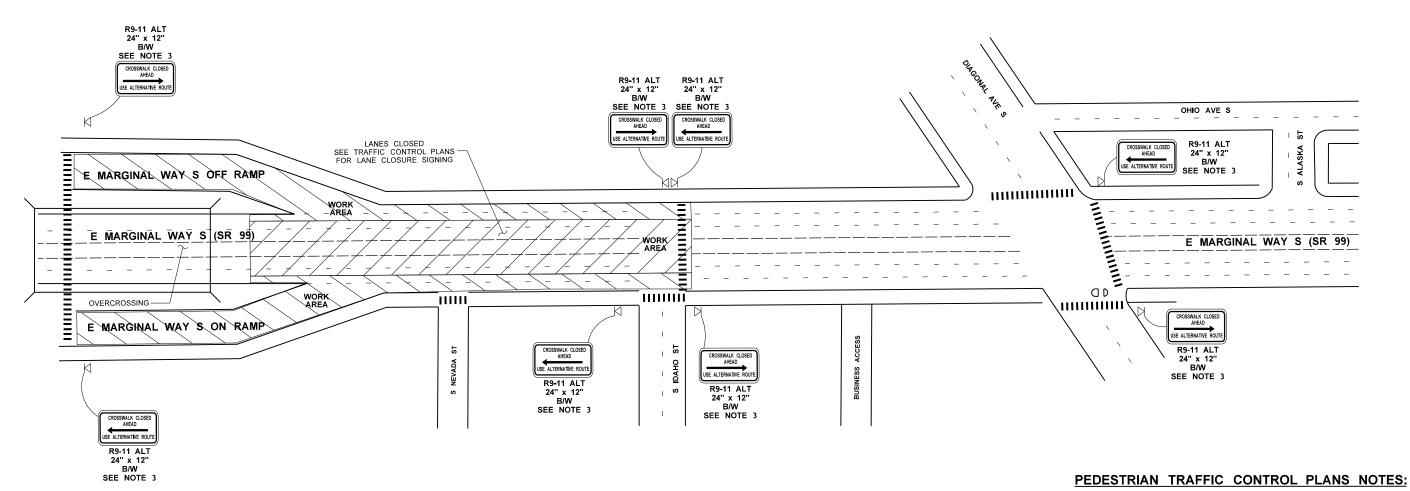
FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC_CR.dgn									Plot 7
TIME	4:03:36 PM			R	REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/22/2022				10 WASH						CTC5
PLOTTED BY	musma				10 WASH					DUWAMISH RIVER TO S SPOKANE ST VIC	[ 0.05
DESIGNED BY	M. MUS				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN				21A023				, J		115
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON						DATE	DATE		CURB RAMP TRAFFIC CONTROL PLANS	130   SHEETS
REGIONAL ADM	. M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SILETO







FILE NAME	T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294_PS_46TC_PED_det.dg	n								Plot 5
TIME	5:34:32 PM			REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022			10 WASH	1					PTC2
PLOTTED BY	musma			IU WASI	]				DUWAMISH RIVER TO S SPOKANE ST VIC	1
DESIGNED BY	M. MUS			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	M. MUS							J		118
CHECKED BY	C. ANDERSON			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					——————————————————————————————————————	DATE		PEDESTRIAN TRAFFIC CONTROL PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN REVISION	DATE	BY		1	P.E. STAMP BOX	P.E. STAMP BOX			022.10



- 1. CONTACT AND COORDINATE IMPACTS WITH METRO TRANSIT PRIOR TO IMPLEMENTING ANY CLOSURES. IN ACCORDANCE TO SPECIAL PROVISION 1-07.23(1) PUBLIC NOTIFICATION
- 2. INSTALL TEMPORARY PEDESTRIAN RAMP ON DETOUR ROUTES WHERE THERE IS NO CURB RAMP PRESENT.
- 3. EACH R9-11 ALT SIGN SHALL BE SUPPLEMENTED WITH A WEATHER RESISTANT PROJECT INFORMATION SHEET, DETAILING THE EXPECTED DURATION FOR EACH WORK ZONE AND THE CROSSWALK IMPACTS.
- 4. SIGNAGE TO BE USED WHEN THE S IDAHO ST CROSSWALKS ACROSS SR 99 ARE CLOSED DUE TO PAVING ACTIVITIES.

### PAVING DIAGONAL AVE S TO S NEVADA ST VIC **REROUTE PEDESTRIANS**

DATE

NO SCALE

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_46TC_PED_det.dgn						
TIME	5:34:32 PM				REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	3/21/2022				<u> </u>	WASH		
PLOTTED BY	musma				יי ן	WASH		
DESIGNED BY	M. MUS				JOB N	IUMBER		
ENTERED BY	M. MUS							
CHECKED BY	C. ANDERSON				CONTR	RACT NO.	LOCATION NO.	
PROJ. ENGR.	C. ANDERSON							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	1			

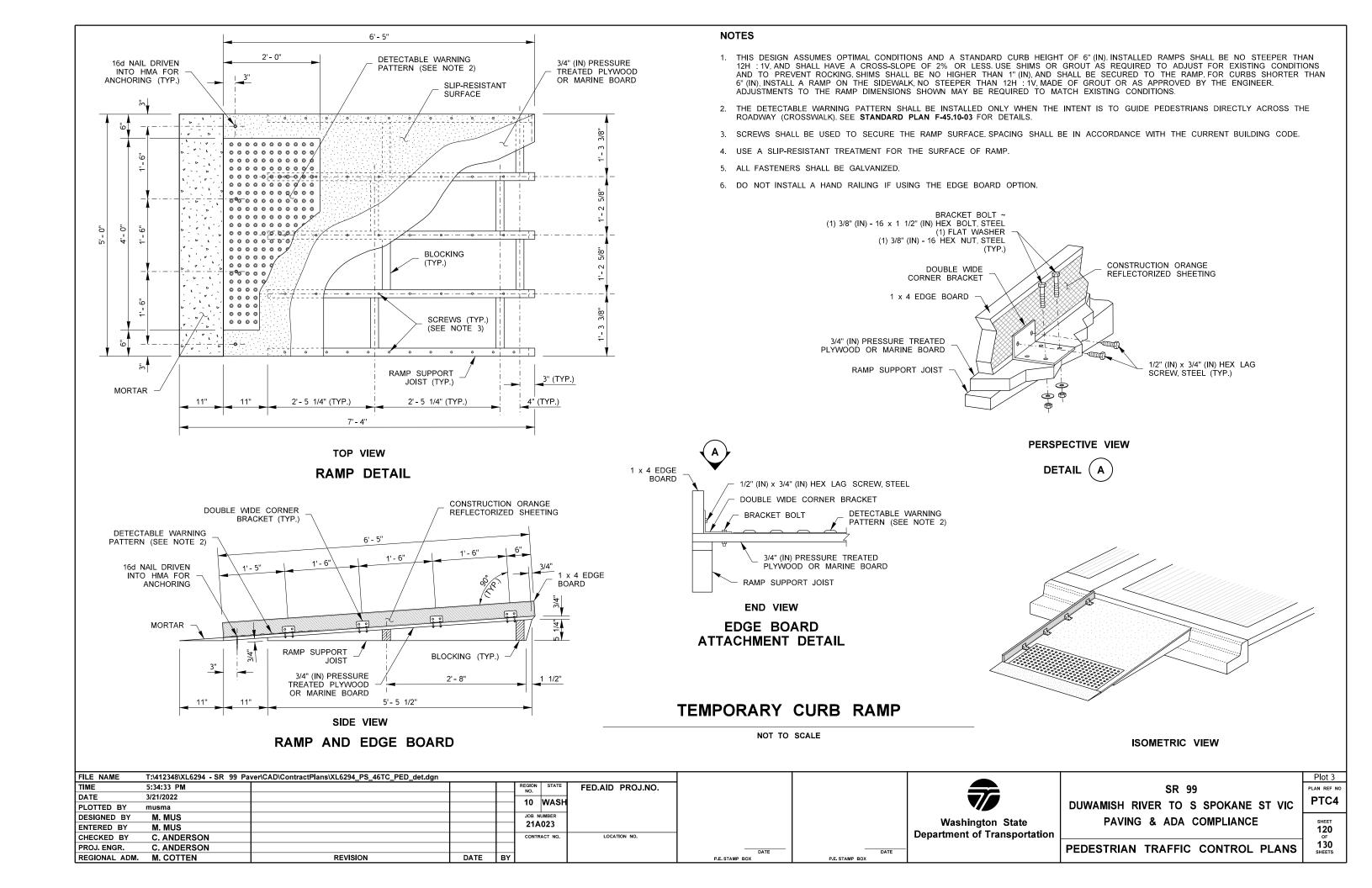
Washington State Department of Transportation	

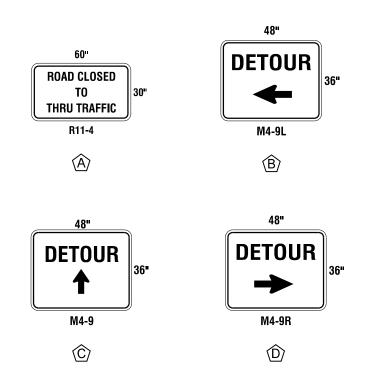
		SR	99			
DUWAMISH	RIVER	TO	s	<b>SPOKANE</b>	ST	VIC
PAVI	NG &	ADA	С	OMPLIANCE	<b>=</b>	

PEDESTRIAN	TRAFFIC	CONTROL	PLANS	
------------	---------	---------	-------	--

119 130 SHEETS

Plot 6 PLAN REF NO PTC3





1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B K TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN PCMS #

SIGN NUMBER DESIGNATOR

S MEAD ST, S ORCAS ST, S LUCILE ST, S BRANDON ST, S DAWSON ST, AND OHIO AVE S CLOSURE

10

AVE

MARGINAL

99

包工人

S HUDSON ST

**B** 

S DAWSON ST

S | BRANDON | ST

S LUCILE ST

S ORCAS ST

S MEAD ST

S

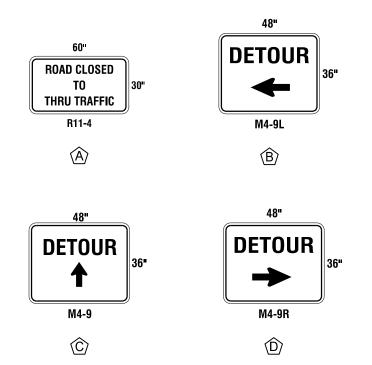
AVE

 $\sim$ 

ஂ௰

B

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_47DU.dgn								Plot 2
TIME	5:34:36 PM			REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022			10 WASH						DU1
PLOTTED BY	musma			I IU WASH					DUWAMISH RIVER TO S SPOKANE ST VIC	50.
DESIGNED BY	A. OLSEN			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN			21A023				_		121
CHECKED BY	C. ANDERSON			CONTRACT NO.	LOCATION NO.	]		Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					DATE	- DATE	_	DETOUR PLANS	130 SHEETS
REGIONAL ADM	M COTTEN	REVISION	DATE	RV		DE STAND BOY	DE STAMP POY			SHEETS



1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

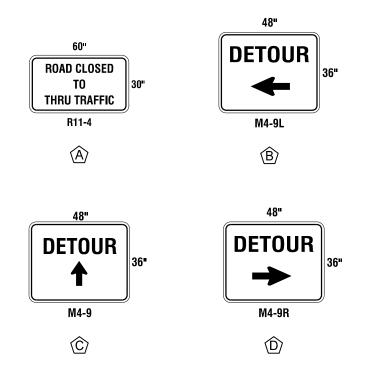
CONSTRUCTION SIGN CLASS B K TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN PCMS #

SIGN NUMBER DESIGNATOR

# ∇Ĉ S (A) & (B) S HUDSON ST **D**! S DAWSON ST H $\triangleleft$ MARGINE S LUCILE ST 2 $\nabla$ 99 ORCAS ST

## S ORCAS ST, S BRANDON ST, S DAWSON ST, OHIO AVE S, S HUDSON ST, AND S ALASKA ST CLOSURE

FILE NAME	T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294_PS_47DU.d	lgn								Plot 3
TIME	5:34:36 PM			REGION STATE	FED.AID PROJ.NO.	1			SR 99	PLAN REF NO
DATE	3/21/2022			10 WASH	1					DU2
PLOTTED BY	musma			I IU WASE	1				DUWAMISH RIVER TO S SPOKANE ST VIC	502
DESIGNED BY	A. OLSEN			JOB NUMBER	1			Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN			21A023				9		122
CHECKED BY	C. ANDERSON			CONTRACT NO.	LOCATION NO.			Department of Transportation		_ OF
PROJ. ENGR.	C. ANDERSON					——————————————————————————————————————	DATE	-	DETOUR PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS



1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B K TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN PCMS #

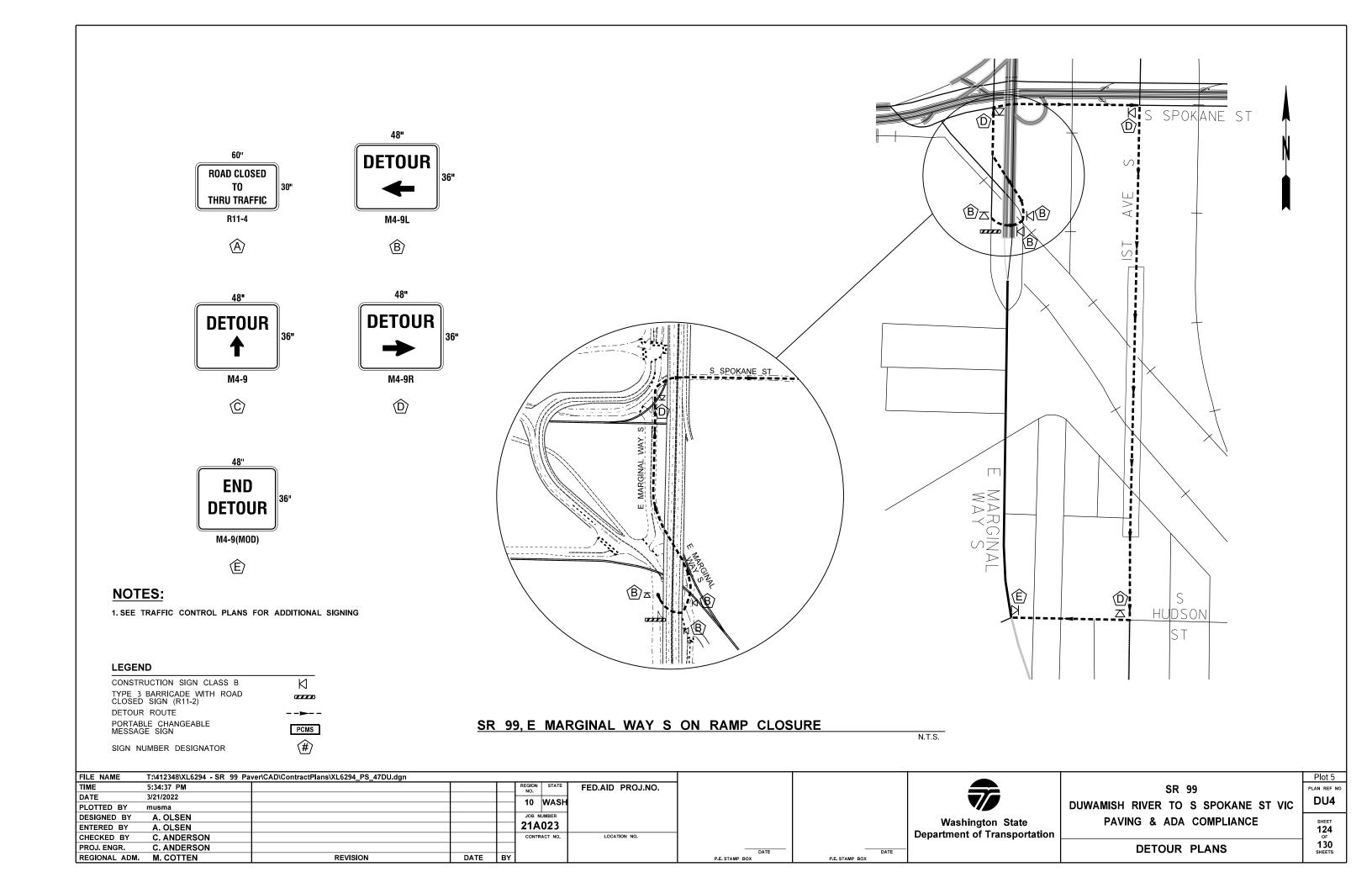
SIGN NUMBER DESIGNATOR

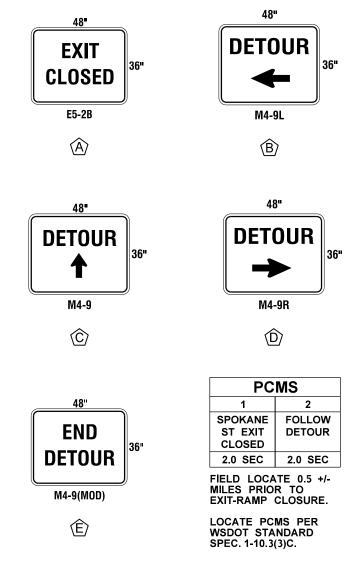
# S DAWSON ST, OHIO AVE S, S ALASKA ST, AND DIAGONAL AVE S CLOSURE

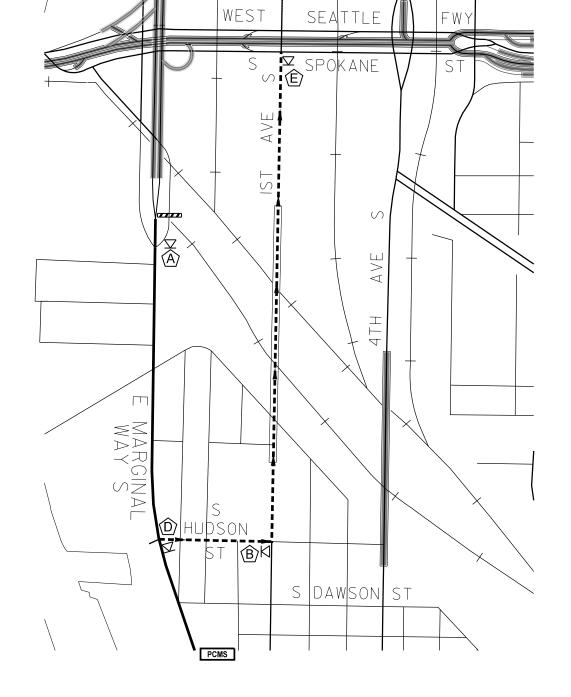
S HUDSON ST

S DAWSON ST

FILE NAME	T:\412348\XL6294 - SR 99 Pa	aver\CAD\ContractPlans\XL6294_PS_47DU.dgn									Plot 4
TIME	5:34:37 PM				REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022				10 WASH						DU3
PLOTTED BY	musma				I IU WASI					DUWAMISH RIVER TO S SPOKANE ST VIC	
DESIGNED BY	A. OLSEN				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN				21A023				3		123
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON				1		DATE	DATE	_	DETOUR PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS







1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN

SIGN NUMBER DESIGNATOR

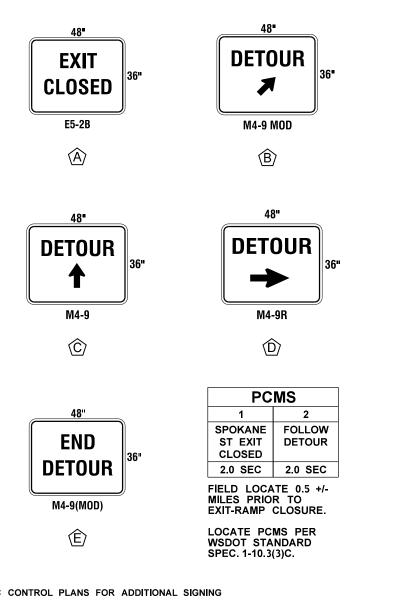
PCMS #

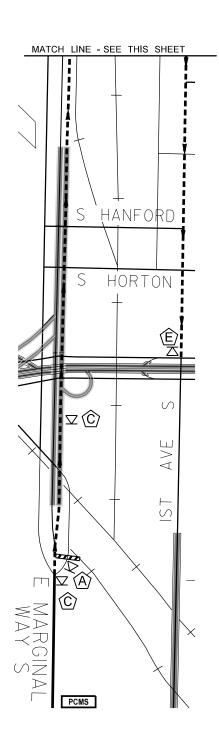
K

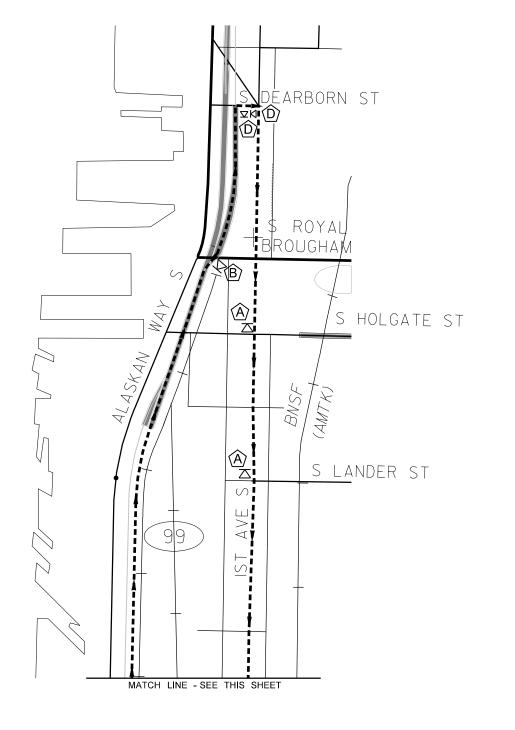
SR 99, E MARGINAL WAY S OFF RAMP CLOSURE

N.T.S.

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_47DU.dgn		·							Plot 6
TIME	5:34:38 PM			REGIO	GION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022			10	0 WASH						DU5
PLOTTED BY	musma			10	WASH					DUWAMISH RIVER TO S SPOKANE ST VIC	
DESIGNED BY	A. OLSEN				OB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN			21	1A023				9		125
CHECKED BY	C. ANDERSON			co	ONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON						DATE	DATE		DETOUR PLANS	130 SHEETS
REGIONAL ADM	M COTTEN	REVISION	DATE	BY			DE STAMP DOY	DE STAMP POY		22.00K . 20	SHEETS







1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN

SIGN NUMBER DESIGNATOR

K PCMS

#

SR 99, E MARGINAL WAY S OFF RAMP CLOSURE

DATE

T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294\_PS\_47DU.dgn FILE NAME TIME 5:34:39 PM REGION NO. FED.AID PROJ.NO. DATE 3/21/2022 10 WASH PLOTTED BY musma JOB NUMBER DESIGNED BY A. OLSEN 21A023 ENTERED BY A. OLSEN CHECKED BY C. ANDERSON LOCATION NO. PROJ. ENGR. C. ANDERSON REGIONAL ADM. M. COTTEN REVISION DATE BY



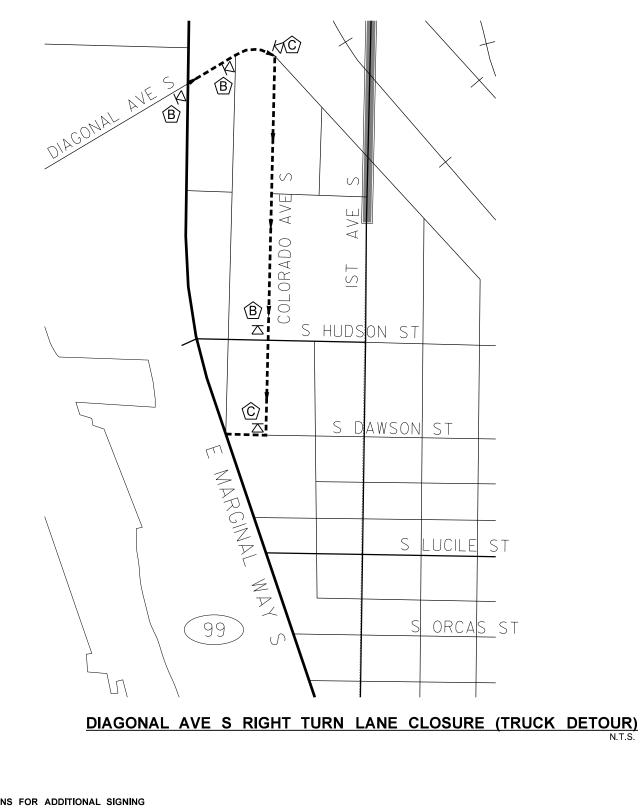
N.T.S.

SR 99 DUWAMISH RIVER TO S SPOKANE ST VIC **PAVING & ADA COMPLIANCE** 

**DETOUR PLANS** 

PLAN REF NO DU6 <sub>SHEET</sub> 126 130 SHEETS

Plot 7



CONSTRUCTION SIGN CLASS B

TYPE 3 BARRICADE WITH ROAD
CLOSED SIGN (R11-2)

DETOUR ROUTE

PORTABLE CHANGEABLE
MESSAGE SIGN

PCMS

**TRUCK** 

M4-9

B

DETOUR 36'

SIGN NUMBER DESIGNATOR

**LEGEND** 

(#)

48"

TRUCK DETOUR

M4-9L (MOD)

(A)

48"

**TRUCK** 

M4-9R (MOD)

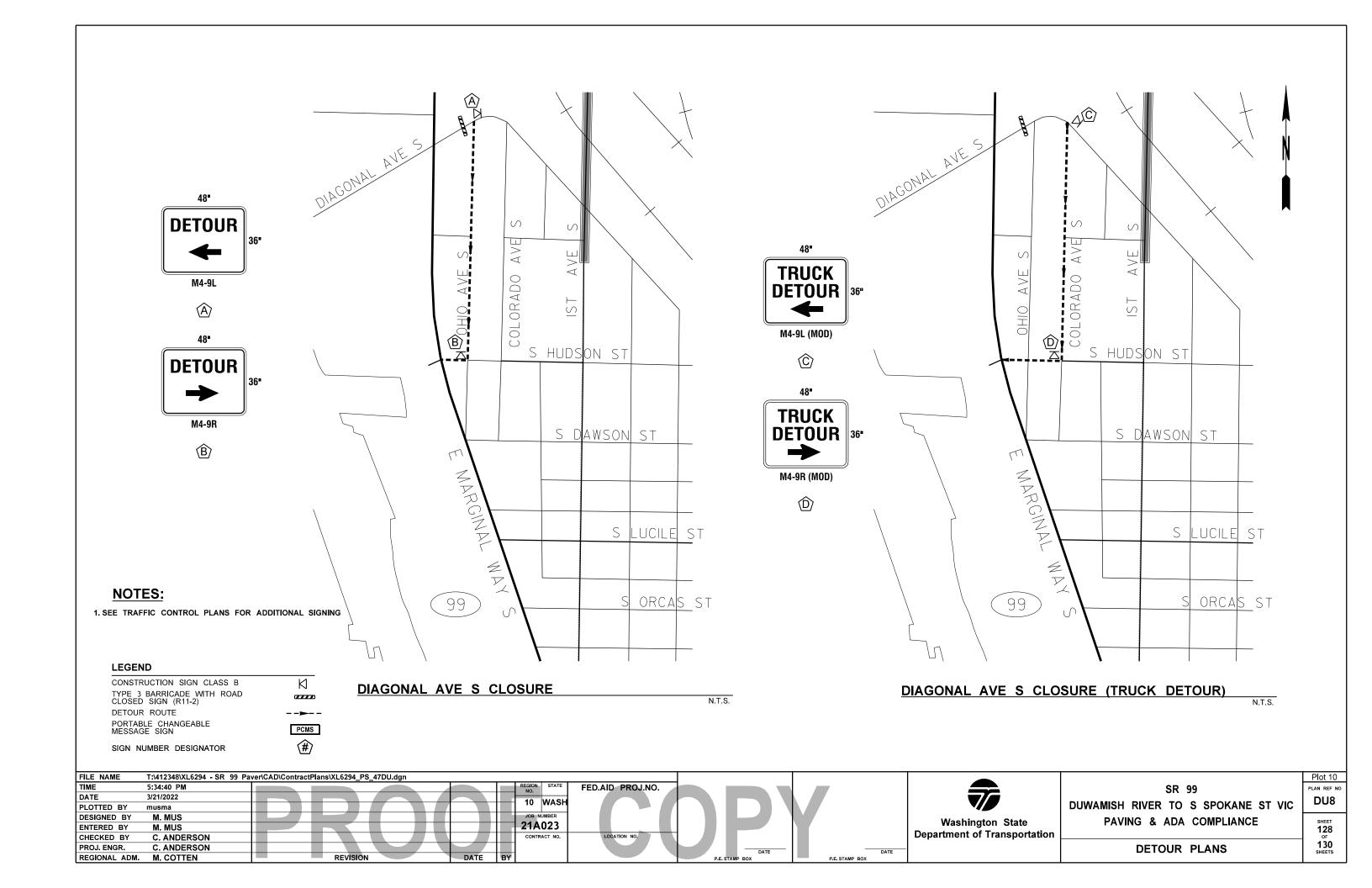
<u>Ĉ</u>

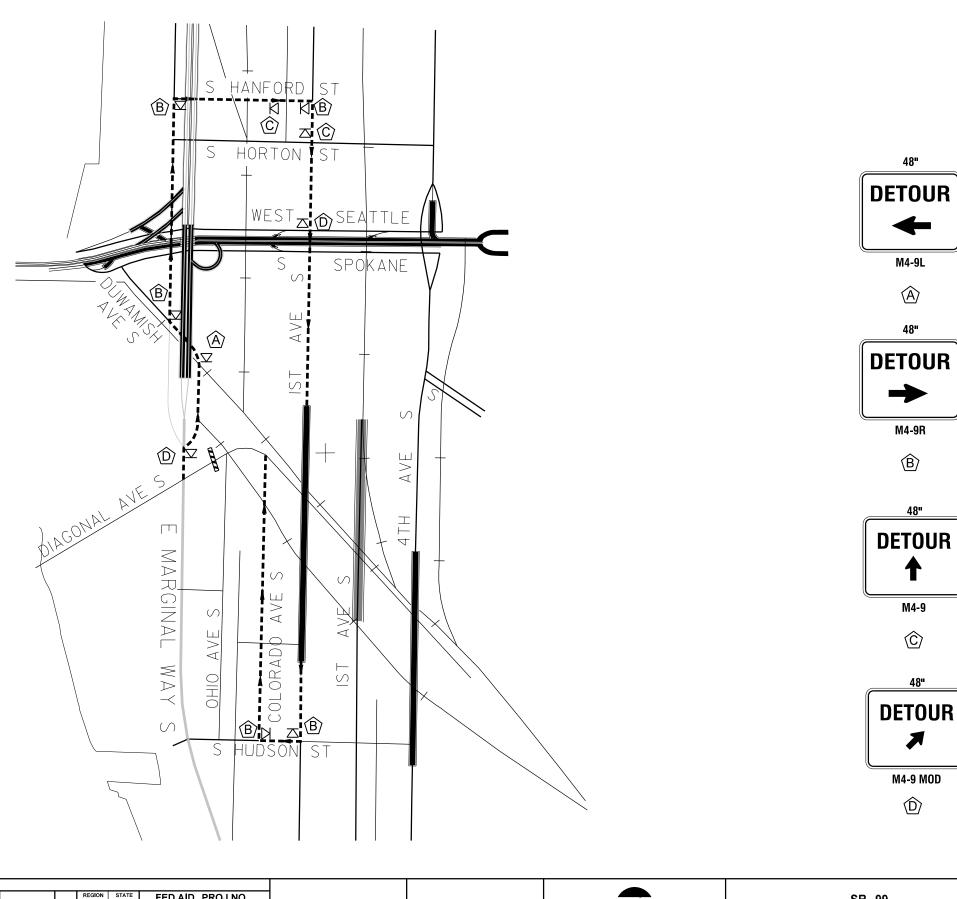
DETOUR 36"

NOTES:

1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

FILE NAME	T:\412348\XL6294 - SR 99 Pa	aver\CAD\ContractPlans\XL6294_PS_47DU.dgn	•			-					Plot 8
TIME	6:14:29 PM				REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022				10 WASH						DU7
PLOTTED BY	musma				IU WASI					DUWAMISH RIVER TO S SPOKANE ST VIC	501
DESIGNED BY	M. MUS				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	M. MUS				21A023				_		127
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON						DATE	DATE		DETOUR PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SILETS





DATE

#### NOTES:

1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B TYPE 3 BARRICADE WITH ROAD CLOSED SIGN (R11-2) DETOUR ROUTE PORTABLE CHANGEABLE MESSAGE SIGN PCMS

SIGN NUMBER DESIGNATOR

#

K

FILE NAME	T:\412348\XL6294 - SR 99 Pa	ver\CAD\ContractPlans\XL6294_PS_47DU.dgn					
TIME	5:34:41 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	3/21/2022					WASH	
PLOTTED BY	musma				10	WASH	
DESIGNED BY	M. MUS					UMBER	
ENTERED BY	M. MUS				21A	.023	
CHECKED BY	C. ANDERSON				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	C. ANDERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

Washington State
Department of Transportation

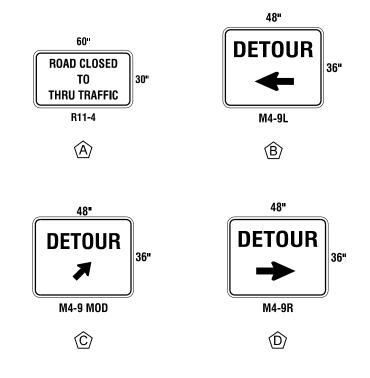
DATE

		SR	99			
UWAMISH	RIVE	R TO	S	SPOKA	NE	ST VIC
PAVI	NG 8	& ADA	C	OMPLIA	NCE	•

**DETOUR PLANS** 

129 130 SHEETS

Plot 11 PLAN REF NO DU9



PC	MS
1	2
SR 99	FOLLOW
N-BND	DETOUR
CLOSED	
2.0 SEC	2.0 SEC

FIELD LOCATE 2.0 +/-MILES PRIOR TO ROAD CLOSURE.

LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

#### NOTES:

1. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL SIGNING

#### **LEGEND**

CONSTRUCTION SIGN CLASS B
TYPE 3 BARRICADE WITH ROAD
CLOSED SIGN (R11-2)
DETOUR ROUTE
PORTABLE CHANGEABLE
MESSAGE SIGN

SIGN NUMBER DESIGNATOR



#### E MARGINAL WAY S, S MEAD ST, AND S ORCAS ST CLOSURE

N.T

S LUCILE

S ORCAS ST

PCMS

S MEAD ST

 $\hat{Q}_{K}$ 

FILE NAME	T:\412348\XL6294 - SR 99 Paver\CAD\ContractPlans\XL6294_PS_47DU.dgn									Plot 9
TIME	5:34:41 PM			REGION STATE	FED.AID PROJ.NO.				SR 99	PLAN REF NO
DATE	3/21/2022			10 WASH	1					DU10
PLOTTED BY	musma			I IU WASE	1				DUWAMISH RIVER TO S SPOKANE ST VIC	1 5010
DESIGNED BY	A. OLSEN			JOB NUMBER	1			Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	A. OLSEN			21A023				3		130
CHECKED BY	C. ANDERSON			CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	C. ANDERSON					DATE	DATE	_	DETOUR PLANS	130 SHEETS
REGIONAL ADM.	M. COTTEN REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS